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The Students of Worcester Polytechnic Institute

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# Task Force reviews security

by Gary DelGrosso  
Graphics Editor

Recently, some security changes have been implemented around campus under the direction of the new Security Task Force, led by Dean of Students Janet Begin Richardson.

The Task Force was initiated during B Term and its purpose is to review all aspects of campus security in light of the recent rise in the imposition of liability on colleges, such as the Cleary Case. Jeanne Ann Cleary was a freshman at Lehigh University when she was slain on April 5, 1986 during a robbery in her on-campus room. Another Lehigh student was arrested, convicted of murder, and now faces the death penalty. Jeanne's parents sued Lehigh and won an undisclosed amount of money plus promises from the school for a new security program.

WPI's Task Force is divided into three topic-orientated subcommittees, "Facility Security/Locks", led by Sgt. Jurgen Ring (Campus Police), "Education/Prevention Programs", led by Judy Robinson (Director of

Residential Life), and "Lighting/Grounds Security", led by Roger Fournier (Associate Director of the Physical Plant). Their final report is due in April, 1989.

The first act of the Task Force was the locking of Founders 24 hours a day. This move was the result of the arrest of two people collecting money door to door in Founders for a fictitious charity. When news of this reached Dean Richardson, a late Friday afternoon meeting of the still fledgling committee was called to discuss the unique problem Founders presented, since it serves three functions: residence hall, dining hall, and conference center. As a residence hall, it is also the most isolated on campus and, because of its design, not like a Daniels or Morgan "floor" since someone in Founders could scream at the top of their lungs in a room and be hardly heard across the hall.

At the meeting, it was decided to lock the building and keep an officer in the lobby during mealtimes until a permanent solution could be found.

On Wednesday, November 30, members of the Task Force and

Bernie Brown (Vice President for Student Affairs) held an open meeting in Founders to discuss what the Task Force was considering and to listen to student's concerns. One result for the meeting was the reversing of the locked doors in the lobby. Now, someone doesn't have to wait in the rain for someone to open the door. Also completed was the locking of the first floor fire doors, so that everyone has at least three locked doors between them and the outside. The most well received change was the installation of peepholes, a move which, according to Janet Richardson, "suddenly made sense."

In the works is a new wall which would separate the living portion of Founders from daka, so that the front doors could be opened during mealtimes, and the installation of a phone in the lobby so that a visitor can call up to whomever they're visiting. According to Roger Fournier, the wall and phone should be completed by the beginning of C Term.

Although most of the early changes have been in Founders, the

Task Force is evaluating security all over campus. New lights will be installed, shrubberies cut back, and peepholes may be installed in all dorms. Roger Fournier has instituted a new system for repairing damage that compromises security such as broken fire doors and windows. Calling him at 831-5134 during working hours or campus police at 831-5433 and reporting the damage should get the work done as soon as possible, with a minimum of paperwork.

No matter how many doors are locked and walls constructed, the basic problem that WPI faces is a lack of education about security. Campus Police already hold rape and crime prevention classes with resident advisors, and publicized rape prevention/personal security meetings. A self-defense class that would be part of the normal physical education course offerings is being considered. These classes are aimed at combating the fact that college students tend to consider themselves invincible, that "nothing's going to happen to me." This attitude must change for progress

to occur. Campus police are not solely responsible for a student's security, and their limited manpower only allows them to be in so many places at once. As expressed by Sgt. Ring, "students must be aware of their surroundings, take in their surroundings, make note of them, and watch where you walk." People only seem to be aware of crime right after news of a local robbery or rape, and soon after calls for escorts and reports of "suspicious persons" drop.

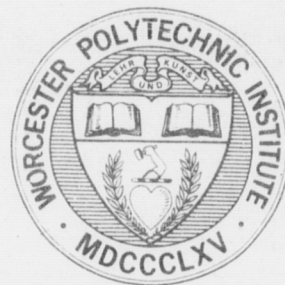
Escorts are available by calling Campus Police at 831-5433, and a new experimental patrol on Saturday nights is aimed at mobility, so that Officers can try to be "everywhere". After all, the biggest part of police work is prevention. Prevention means that you lock your door, don't open floor doors to people you don't recognize, never peg open a door that is supposed to be closed, just so the pizza man can get in, and keep an eye open to anything suspicious. As summarized by Janet Richardson, "education is the primary problem, other fixes will only take money."

## WPI Newspeak

The Student Newspaper of Worcester Polytechnic Institute

Volume 16, Number 27

Tuesday, December 13, 1988 (11 shopping days 'til Christmas)



## Bookstore management a difficult task

by Troy Nielsen  
Newspeak Staff

Right after holiday break it will be that wonderful time to buy textbooks from the WPI bookstore. After searching for the books, waiting in line, and writing that big check, it is not surprising that most students do not cherish buying books. Recently, complaints and concerns about our bookstore have reached the ears of the student government, business affairs, and the like. Because of this growing

concern, Newspeak feels it necessary to present a definitive article on the WPI bookstore. I'll start off with presenting the facts about how our bookstore operates.

It used to be that WPI ran the bookstore with their own staff, managers, etc. but eventually this became too much of a burden on the WPI Business Affairs department. You have to realize how complicated running this bookstore can be. For example, the number of textbooks for all of the courses available to the students

must be exact so that there is neither shortage or surplus. Of course, there are 5,000-10,000 course changes made every term that could make a 50-student class grow to 80 or maybe shrink to 25 all in one day. The unknowns the bookstore has to deal with are incredible. Then add the 7-week term schedule that is unique to WPI, shifts in student population, late orders, shortages by the publisher or distributor, etc. WPI decided that it would be easier and more efficient to utilize an outside force to operate the

bookstore. It's like maintaining your car—most of us can do the easy stuff like changing the oil, spark plugs, etc. But when the cam timing needs to be adjusted, or the carb needs to be reworked, you hire the expertise (hopefully) of a mechanic. After research and careful consideration by WPI, Brennan College Service was chosen to operate the store. This company sells their expertise in bookstore management to colleges around the country. Brennan College Service and WPI first agreed on the terms of a lease and contract, and then the college service operates the bookstore within the guidelines set up in the contract. The bookstore service company has connections with publishers, warehouses, etc. that can make the operating process more efficient than a WPI-run bookstore. In return for the service provided, WPI pays Brennan College Service a management fee.

When it comes to books, I know

that most people feel that the textbooks are quite overpriced and blame the bookstore staff for this. You must realize that all students pay basically the same prices for the same books. WPI is not selling at extra-high prices. This is how the pricing works...

The publisher gives a suggested selling price to the bookstore service which is called the list or net price. Our bookstore, according to William Wagner, WPI bookstore manager, usually sells the books at almost the list price. The price may be slightly more or less than this suggested price. You're probably saying "How do they stay in business, selling at the list price?" Well, the publisher or distributor sells the books to the service at a 20-25% discount. This way the bookstore can use the margin between the discounted price and the list price to cover operating costs, freight sur-

see Bookstore, page 2

## Nuclear reactor fuel to be converted

by Alton Reich  
Newspeak Staff

In December of 1959 the WPI Nuclear Reactor achieved criticality for the first time. The open pool reactor in Washburn Shops has been operating on the same fuel load since then. Unlike power reactors who have to reload fuel every 18 months or so, the WPI reactor can continue on the same load for many more years. The reactor is operational for a few hours a week, as opposed to the constant operation of a power reactor. Power level also affects fuel burn up, the WPI reactor has a maximum power level of 10 kilowatts, as opposed to several hundred megawatts for a power reactor.

WPI fuel conversion is taking

place at the order of the Nuclear Regulatory Commission. On March 27, 1986 the NRC issued a ruling that non power reactors using HEU, high enriched uranium, fuel convert to LEU, low enriched uranium. Fuel, WPI has HEU fuel. When the reactor was built in 1959, the only type of fuel available was this HEU fuel, and since the reactor has never refueled, the possibility of converting fuel types was never considered. The process of conversion was begun in March 1987 when Department of Energy funding became available. WPI is the third school to be converting under the DOE funding program. The other two are RPI, and the University of Ohio. The University of Michigan was the first to convert, but not with DOE funding. WPI's fuel is similar in

design to the other school's, and so it was included in this group. One of the most important parts of the project was the determination of what changes the new fuel would make in the characteristics of the reactor. These calculations were made by Argonne National Labs, and they determined that the LEU conversion would not significantly effect the operation of the reactor. Once the NRC approved the conversion, the only task remaining was the fabrication of the LEU fuel.

Fabrication is being done by Babcock and Wilcox in Lynchburg, VA. The new elements are almost physically exactly identical to the HEU elements currently in the reac-

see Fuel, page 2

Jay Leno  
brought a night  
of comedy to  
WPI last  
Saturday night.

See story on  
page 5.

NEWSPEAK STAFF PHOTO/ROB SIMS



## President's IQP Awards: Take two

by Brian Weissman  
and Jeff Yoder  
Newspeak Staff

"Working from Home," an IQP completed by Janis Berka, Adrian Caceres, and Scott Dresser, was one of two projects which recently received the President's IQP award. The project was undertaken at the London Project Center last D-term under the sponsorship of Ferranti International, a Manchester based electronics firm.

The goal of the project was three-fold. The students wanted to determine the number and types of jobs which could be done from a remote work setting, such as home. They wished to compile a possible list of objections to "telecommuting." They also wished to determine if there were enough jobs in London that could be done from home on a part time basis to offset yearly increases in commuter traf-

fic.

The project began here with a PQP and extensive literature review. From their research, they were able to develop a methodology for gathering data. They decided on a questionnaire. The questionnaire covered the different aspects of working from home and contained three parts. The first part dealt with personal information such as the location and type of house that the person had. The second section dealt with their mode or modes of transportation. The final part set up a hypothetical situation. The person filling out the questionnaire was supposed to imagine that he was working from home and comment on the problems and advantages.

During the next stage of the project, the students spent much of their time interviewing managers

see President's, page 3



## NEWS

## World News Briefs

by George Regnery  
Newspeak Staff

## Saturday, November 3-

Argentine president Raul Alfonsín was placed under very heavy guard due to the revolt among some army troops, who are protesting the trials of senior military officials for human rights abuses. Pakistani president Benazir Bhutto ordered all political prisoners freed. It was reported that in Bangladesh, between 2 and 5 million people are homeless and hundreds dead due to last Tuesday's cyclone.

The five Soviets who hijacked an Aeroflot plane to Israel were sent back to the USSR.

There was an Earthquake in Pasadena, California that measured 5.0 on the Richter scale. There was no major damage.

The anti-abortion group Operation Rescue held protests in Cincinnati, New York City and Howell, New Jersey. The protests were reported to be peaceful.

In college football, Barry Sanders won the Heisman trophy. The Army beat the Navy 20-15, to tie the series at 41-41-7.

## Sunday, November 4-

In Argentina, the four day rebellion within the military ended. Leaders of the revolt say their aim was to shake up the military high command and not topple the civilian government.

The Atlanta Journal and Constitution reported that Elizabeth Dole, wife of Bob Dole and former Secretary of Transportation, would be appointed to be the next UN ambassador.

In the NFL, the Giants lead the in the NFC East. Dallas and Green Bay both lost again to drop to 2-12. The Bengals clinched a playoff spot, and the Buffalo bills were defeated by Tampa Bay 10-5.

## Monday, November 5-

Former PTL leader Jim Bakker faces criminal charges for many offenses, including tax evasion and

fraud.

Democratic National Committee (DNC) chairman Paul Kirk announced that he would not run again. The race for the next chairman is expected to be bitter.

Nicaraguan leader Daniel Ortega cancelled a trip to the UN because 14 visas were denied to the Nicaraguan delegation. Immigration officials said that the applications were turned in after the deadline.

OPEC seems to be having little effect with their production quotas—the average price for gasoline fell below \$1.

## Tuesday, December 6-

Soviet leader Mikhail Gorbachev arrived in New York City so he can address the United Nations and meet with Ronald Reagan. George Bush filled five high level positions for his administration; commerce secretary (Robert Mosbacher), chief of the Council of Economic Advisors (Michael Boskin), special trade representative (Carla Hills), CIA director (William Webster) and UN Ambassador (William Pickering).

The Space Shuttle Atlantis reportedly deployed a military satellite code named "lacroche" that can see through the clouds. The purpose of the satellite is to make sure the Soviet Union is complying with the recently signed INF treaty.

The FBI arrested over 100 cocaine dealers from two major drug cartels.

All B-52 bombers were grounded by the Air Force for inspection due to a crash in Michigan.

## Wednesday, December 7-

At the UN, Gorbachev announced a unilateral Soviet withdrawal of 500,000 troops from Eastern Europe (the Warsaw Pact would still have a 350,000 troop advantage over NATO). The Soviets also plan to withdraw 10,000 battle tanks (they would then outnumber NATO 41,500 to 16,400) and 800 combat aircraft (they would outnumber NATO 7500 to 4000). Gorbachev also voiced regret over the recent visa denial to

PLO leader Yassir Arafat.

An earthquake measuring 6.9 on the richter scale struck in the Soviet republic of Armenia (near Iran and Turkey). Some reports say that 10,000 people died.

Yassir Arafat denounced all forms of terrorism.

Rock singer Roy Orbison ("Pretty Woman") died at age 52.

## Thursday, December 8-

In Mauritania (in northwest Africa) 2 US planes from the Agency for International Development were attacked by missiles. One was shot down; the other was damaged but landed safely in Morocco.

Mikhail Gorbachev cut short his visit to the US and went back to the USSR due to the Armenian earthquake. Some people think Gorbachev went back because his Military Chief of Staff resigned after Gorbachev announced troop withdrawal. Ronald Reagan has offered to help the Soviets in Armenia. The Red Cross has already donated \$50,000.

Ronald Reagan held a news conference, which is most likely his last. He said that Soviet-US relations have come a long way under his administration.

Supreme Court Justice William Brennan, 82, is in a Maryland hospital due to pneumonia. Brennan is the oldest, most senior, and most liberal member of the court.

## Friday, December 9-

Aid from many countries, including NATO countries, is being sent to Armenia due to the earthquake.

Israeli troops struck deep into Lebanon by land, sea and air to attack an anti-Arafat faction of the PLO. The Israelis say that six guerillas and 1 Israeli soldier were killed. The Israelis say that this group of Palestinians had been responsible for terrorist attacks against Israel.

Former Philippine president Ferdinand Marcos was transported to a Honolulu hospital due to congestive heart failure.

Continued from page 1

## Fuel conversion planned

The HEU elements consist of 10 flat plates of 98% enriched uranium sealed in aluminum. The LEU elements consist of 18 flat plates of 20% enriched uranium sealed in aluminum. The current standard fuel load is with 24 HEU elements. The total mass of U-235 is about 3.5 kg. According to calculations done by Argonne National Labs in Argonne, IL, the LEU core will consist of 24 elements, and 4.5 kg of U-235.

The fuel making process at Babcock and Wilcox is exacting. Each element must pass multiple tests before being shipped. The uranium is checked for flaws before it is sealed in the aluminum plate. The plates are then checked for flaws using X-rays, and the outer surfaces are smoothed out. The assemblies that hold the elements together are also made to high standards. Once the element is put together it is checked once again using sound waves. A pulse generator is run down one face of a plate, and a

detector down the other. This process also checks for flaws in the plates.

The LEU fuel will be shipped to WPI during break via truck. The fuel change process will take about two weeks to complete. The HEU fuel must be removed from the core before loading can begin. Before being placed in the core each element will be thoroughly checked once again. Once the core is loaded the characteristics of the reactor must be calculated before normal operations can resume.

The refueling process is being supervised by Mr. Thomas H. Newton, Reactor Facility Director. A quality assurance program is being drawn up by Paul B. Woods, Radiation Safety Officer, and overseen by the Radiation Health and Safeguards Committee. The normal reactor staff will be performing the fuel change. This staff is made up of students in the Nuclear Program, and will be a valuable experience in reactor operations for them.

## Figures on freshman failure rate alarming

by Chris Barcus  
Newspeak Staff

Statistics for the number of freshmen who NRed at least one class during term A were compiled during the first week of term B. The freshman class has approximately 640 students, which includes not only the new

freshmen but also transfer and reclassified students. There were 137 students who NRed one class, 62 NRed 2 classes, and 8 NRed all three. Of the 62 who NRed 2 classes, 54 failed both their math and science classes. On the brighter side, there were 31 students who achieved the success of all A's.

## Semiconductor lab to open

(News Release) - The WPI Computer-Aided Design Engineering Laboratory and Semiconductor Instructional Processing Lab will be dedicated today, December 13, at 4:00 pm. A tour of the new lab, equipment for which was donated by several companies, will begin at 3:30. The dedication and tour will be in Atwater Kent Laboratories, in the first floor lounge, and refreshments will be provided.

This dedication of two major laboratories devoted to microelectronics education, developed jointly by WPI and M2C, the Massachusetts Microelectronics Center, stresses the im-

portance of training in emerging technologies to the Massachusetts high tech industry.

Digital Equipment Corporation, which donated almost three-quarters of a million dollars worth of computer equipment to the CAD engineering laboratory through M2C, will be recognized for its valuable contribution.

A plaque commemorating the cooperative effort between WPI and M2C will also be presented during the ceremony.

M2C is a university-industry-state partnership in technology education.

Continued from page 1

## Bookstore management difficult

charges (remember that books are sometimes shipped both ways—to the store, and then returned to the distributor, warehouse, or publisher), the payroll, etc. So for example, if the bookstore sells a manual for \$2.50, then it paid \$2.00 for this manual from the publisher. The \$.50 margin covers operating costs. Of course there is a possibility of a profit. I was told by Joseph Mielinski, Business Manager in Office of Business Affairs, that Brennan provides a service in running the bookstore, and it is not supposed a large money-making project for Brennan College Service.

About the feasibility of student-run or student union bookstore, Joe Mielinski stressed the fact that the bookstore is such a sophisticated and large operation that it would be difficult to switch from Brennan to student-run. He also gave his opinion saying that Brennan, considering the difficulties involved, has done a good job of running the store. He informed me that a student-run bookstore is a good idea, but because of the large size and complexity of the operation, professional management is a necessity.

Jon Lamkins, Student Body Vice President, told me that he felt student interest in running the store would dwindle after 1 or 2 years. This theory is proved when one looks at the lack of interest in many programs offered by WPI.

All of the people I talked to gave me the impression that a student-run store is not really feasible in our situation. But there are some other technical schools in the area that are "student-run." RPI, for example, has a student-run store. Mike McDermott, manager of the RPI bookstore, said that their store is student-run and part of the RPI student union. When asked how students ran the store, the manager informed me that there is a 9-member student board that makes decisions about the store, approves budgets, etc. There are 15 work-study students that cashier, stock shelves, etc. Then there is a paid staff of non-students that act as managers and handle the daily business affairs.

I would like to point out that there are improvements being made to address the complaints and concerns about the bookstore expressed by the WPI community. The WPI bookstore is starting to implement a computerized history of book purchases in courses, student population, etc. This computerized history will hopefully identify purchase trends, and knowledge of these trends will cause the management to make better supply decisions. This will hopefully eliminate the supply emergencies (such as book shortages) that sometimes occur.

Starting C-Term in 1989, an Advisory Committee will be addressing bookstore issues and taking action.

This new committee will consist of representatives from the faculty, student body, student affairs, scheduling and business affairs. This will ensure that "everyone" has a chance to give input into bookstore decisions.

## Season's Greetings from the Newspeak Staff



Happy holidays, and have a safe break!

Get a Clue!

Join  
Newspeak!



## NEWS

*Biting the bullet***A practical plan to abolish the deficit**

by Richard Thomas  
Chief Economic Correspondent  
Newsweek

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Think it will be hard to slash the deficit? It won't - given enough political will. With a modest mix of spending cuts and revenue measures, it's possible to devise a plan that doesn't hurt the poor or raise taxes for average Americans. It would cut the deficit more than a third by fiscal year 1990 - and eliminate it by 1993. The elements:

**Defense:** A huge chunk can come from defense - without cutting defense spending. Simply freeze spending at its current level, rather than allow it to grow by 4 percent a year, as projected. The next Congress is expected to demand a freeze anyway, and much of the saving can be achieved by cutting the Pentagon waste, closing redundant bases and other efficiencies. Savings: \$5.1 billion in 1990; \$45 billion a year by 1993.

**Retirement benefits:** Many recipients of "entitlements" don't need the money. On social security, leave cost-of-living adjustments (COLA's) intact, since a broad cut would hurt low-income pensioners. Tax upper-income retirees on 85 percent of their social-security benefits instead of on only half. (those recipients will howl, but they can afford it.) Raise the payroll contributions for the retirement made by federal workers and postal employees, who now pay for less than half of their ample benefits. Wipe out the exemption for Medicare and disability taxes that state and

local workers enjoy before they retire. Raise medicare beneficiaries's contribution to doctor's fees from 25 percent to 30 percent. (It was originally meant to be 50 percent.) Savings: \$5 billion in 1990; \$17.2 billion by 1993.

**Medical subsidies:** The government spends huge sums on the medical supply industry, which is rich enough already. Eliminate federal subsidies for hospital construction and doctor training. (The United States already has an excess supply of hospital beds and M.D.'s.) Tighten caps on doctor's fees, and impose fee limits for pathologists, radiologists and other specialists. Change the Medicaid reimbursement formula so that it no longer favors the dozen richest states. Close unused Veterans Administration hospitals. Savings: \$4 billion in 1990; \$12.2 billion in 1993.

**Aid to the middle class:** Many government programs benefit the middle class much more than the poor. Cut lunch subsidies for children of upper and middle-income families (while continuing to provide free lunches for disadvantaged children.) Implement a 5 percent cut in farm subsidies - 85 percent of which go to farmers with land worth over \$1 million or more. Lower veterans' and Federal Housing Administration subsidies to middle-income homeowners. End Federal Aviation Administration operating subsidies to owners of private aircraft. Abolish the Amtrak rail subsidy, which goes primarily to fund a \$37 per ticket break for mostly well-to-do commuters. Savings: \$5.9 billion in 1990; \$9.5 billion by 1993.

**Political 'pork':** Other federal

outlays give shameless special treatment to businesses and regions. Kill the Small Business Administration, which dispenses tax-subsidized loans to some 25,000 well-connected small firms while 14 million others get nothing. End postal subsidies, which disproportionately benefit and firms and causes that rely on direct mail. Eliminate aid for urban mass transit, which goes mostly to communities with incomes well above the national average. Abolish the Rural Electrification Administration, which subsidizes about 35 million energy and telephone users while 85 percent of Americans pay their own phone and electric bills. Ask states that administer the federal food-stamp program to make a 5 percent contribution. End a community-development block grants for affluent cities; reduce humanities and arts funding. Savings: \$5.7 billion in 1990; \$10.5 billion by 1993.

**Government:** The government should also look to itself for savings. Restrict federal pay increases to 2 percent below the inflation rate. Freeze civil-service "grade creep." Cut the federal work force by 2 percent, starting with swollen congressional staffs. Impose a one-year freeze on all discretionary programs not otherwise cut. Change rules for "contracting out" that mandate paying top wage rates. Savings: \$5.9 billion in 1990; \$21.1 billion by 1993.

**Revenues:** Revenues can also be raised - without raising taxes for the middle class. Extend the top rate of 33 percent, rather than rolling it back to 28 percent for families making more than \$149,250. Boost the alternative minimum tax, which hits wealthy taxpayers who use loop holes, by 5

percent. Restrict business entertainment deductions to 50 percent, instead of the current 80 percent. Eliminate the tax exemption for credit unions. Cap mortgage-interest deductions at \$20,000 a year. Impose a modest 10 cents-a-gallon gasoline tax and double the "sin taxes" on cigarettes, liquor, wine and beer. Gains: \$21.4 billion in 1990; \$46 billion by 1993.

As former Senate majority leader Everett Dirksen of Illinois used to say: "200 million here, \$500 million there, \$1 million over there - pretty

soon, it adds up to real money." These adjustments would cut the deficit to \$87 billion by 1990. That's less than two thirds of the Congressional Budget Office projection and well below the Gramm-Rudmann target of \$100 billion. It would produce a surplus of up to \$20 billion by 1993 - leaving room for slippage and some "kinder, gentler" programs. Will it happen? Not if well-to-do Americans won't look behind their self-interests - and a Bush administration and congress refuses to take up any political heat.

*Continued from page 1*

**President's IQP Awards**

and professionals. They established many contacts and ended up having over thirty-five interviews. When this was done, they compiled the results of their questionnaire.

From their survey, they concluded that over 75% of the London work force could work from home at least one day each week and over 33% could work from home two days or more. The types of tasks that were most suitable were those which required mentally intensive and concentration oriented work. Jobs which required informal interpersonal communication were the most difficult to perform from home.

There were several objections to the idea of working from home. Employers felt they would be losing too much control over their employees and that it was a cost preventive system. Employees felt that they would have difficulty mixing home and work, and that working from

home would result in the loss of desirable social contact. A general complaint was people's resistance to change and new technologies which would facilitate work from the home.

The group concluded that if only 25% of the people that could work from home did, there would be no yearly increase in London commuter traffic. This leveling off would enable the government more time to find a solution to the problem. For this system to work, it needs political support as well as corporate upper management's support. It would also require managers to become more knowledgeable about the new technologies available.

**BATH IRON WORKS****Bath, Maine**

*A Great Place To Start - A Great Place To Grow*

Bath Iron Works Corporation, one of the nation's leading shipbuilders with a proud tradition of over 100 years of Naval and commercial ship design and construction, will be on campus on Thursday, January 19 for the graduating class of 1989.

Located in Bath, Maine, 1/2 hour from Portland, Bath Iron Works presently employs over 10,000 people who live and work in an area convenient to all of "Vacationland's" cultural and recreational opportunities. Our backlog of design and construction contracts is at a record of \$1.5 billion level and our business is expanding into the international market as well.

This secure business posture and growth presents excellent entry level career growth opportunities:

- **ENGINEERING**
- **DESIGN**
- **MATERIALS**
- **FINANCE**
- **OPERATIONS**
- **FACILITIES**
- **MANAGEMENT INFORMATION SYSTEMS**

We will also be recruiting for our highly selective and intense two year **MANAGEMENT DEVELOPMENT PROGRAM**.

For all positions we are seeking bright, mature, and highly motivated graduates who are interested in beginning their careers within a heavy manufacturing environment that offers professional challenge, opportunity and growth. We offer competitive compensation and a generous benefits package.

**Bath Iron Works looks forward to seeing you on campus.**

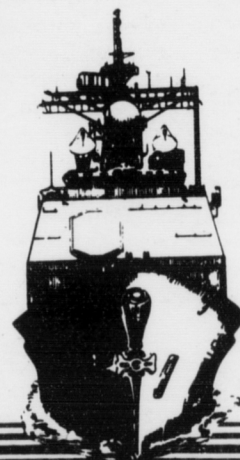
Information on our recruiting schedule and our specific requirements is available now at your Career Services office.

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## Arts and Entertainment

## Dial M for Masque - Audition announcement and call for crews

by Robert Everton

Masque continued its tradition of superb theatre and entertainment with its outrageously funny production of *The Foreigner*. We would like to thank Newspeak for its excellent coverage of that production, and Associate Professor Laura Menides of the Humanities Department for gathering those flattering reviews from her students. Our C term production will be Frederick Knott's captivating mystery *Dial M for Murder*. As always, our C term production will be completely organized and performed by WPI students and we are now in the process of gathering the enormous

work force of cast and crew needed for the show.

Auditions for *Dial M for Murder* will be held immediately upon our return to WPI in January. They will be held in the green room in Alden on January 12 from 12-1 pm and 7:30-9 pm, and January 13 from 4:30-6 pm. Everyone is invited to come and audition, and we would like to advise all auditioners to bring prepared monologues to read or recite. If no monologue is brought, one will be assigned at the auditions.

At the same time, we are looking for people to work on the production crew for the show. No experience is required for any job in Masque, and all

a person must do is place a note on the callboard next to the green room in Alden with their name, box number, telephone number, and interests, or talk to a Masque member. We are seeking people interested in lighting, sound, set construction, publicity, graphic arts, and many other production related tasks. Please feel free to contact me at 792-1585 to talk about the show, or Masque, or for that matter, anything at all...

Just a quick note in advance, Masque also has a theatre festival in D term called *New Voices*, and work continues for that event year round. *New Voices* consists of a large selection of short plays and monologues written and performed by WPI students. If anyone is interested in writing for *New Voices* (plays, or music for plays) please contact Susan Vick in the humanities department or myself at the above phone number. The deadline for all submissions to *New Voices* is January 30, if you would like to begin work over break.

Remember, auditions for *Dial M for Murder* are right when we get back from break, so plan ahead. Keep your eyes open for notices about meetings and auditions.

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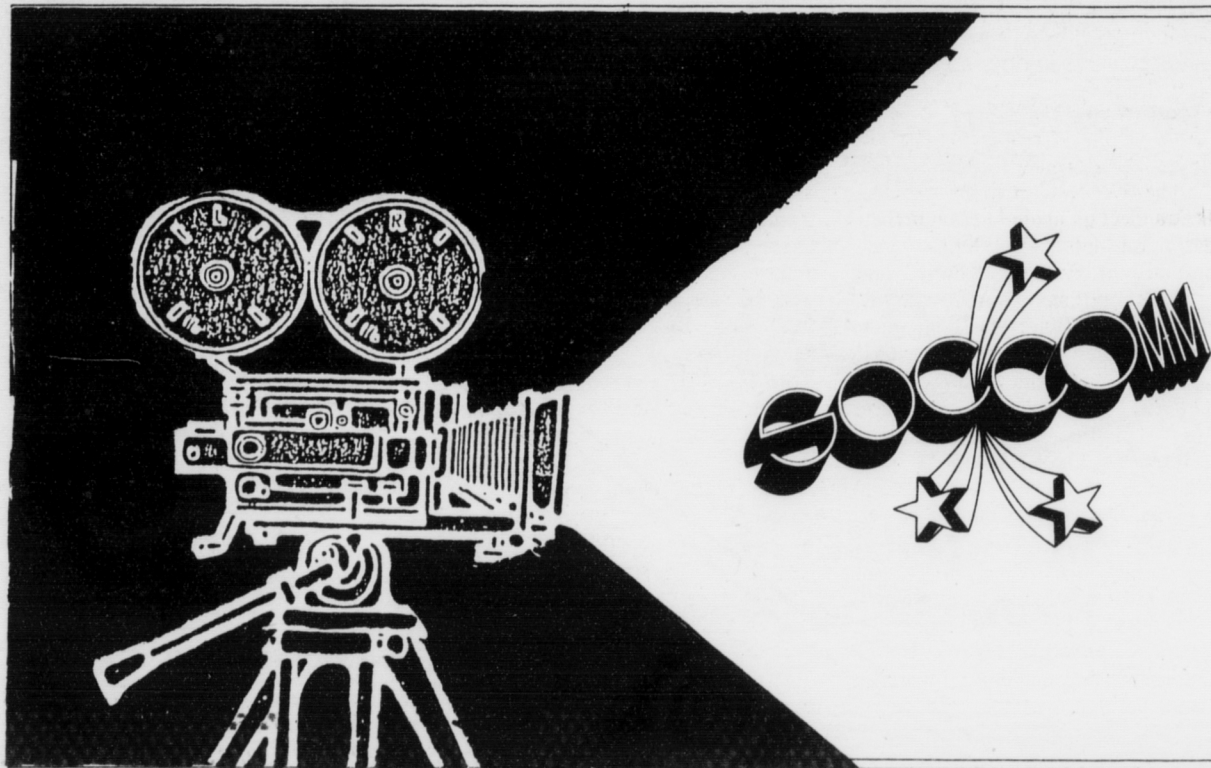
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## Arts and Entertainment

## Dial M for Masque - Audition announcement and call for crews

by Robert Everton

Masque continued its tradition of superb theatre and entertainment with its outrageously funny production of *The Foreigner*. We would like to thank Newspeak for its excellent coverage of that production, and Associate Professor Laura Menides of the Humanities Department for gathering those flattering reviews from her students. Our C term production will be Frederick Knott's captivating mystery *Dial M for Murder*. As always, our C term production will be completely organized and performed by WPI students and we are now in the process of gathering the enormous

work force of cast and crew needed for the show.

Auditions for *Dial M for Murder* will be held immediately upon our return to WPI in January. They will be held in the green room in Alden on January 12 from 12-1 pm and 7:30-9 pm, and January 13 from 4:30-6 pm. Everyone is invited to come and audition, and we would like to advise all auditioners to bring prepared monologues to read or recite. If no monologue is brought, one will be assigned at the auditions.

At the same time, we are looking for people to work on the production crew for the show. No experience is required for any job in Masque, and all

a person must do is place a note on the callboard next to the green room in Alden with their name, box number, telephone number, and interests, or talk to a Masque member. We are seeking people interested in lighting, sound, set construction, publicity, graphic arts, and many other production related tasks. Please feel free to contact me at 792-1585 to talk about the show, or Masque, or for that matter, anything at all...

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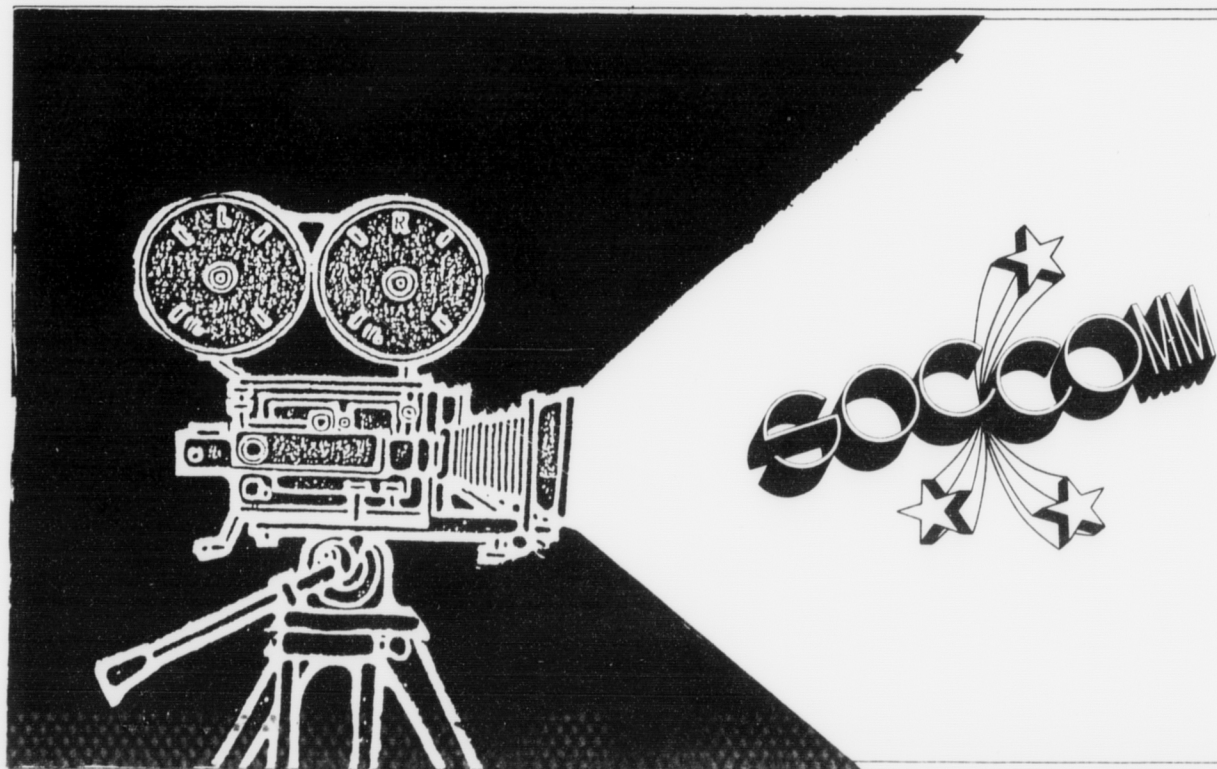
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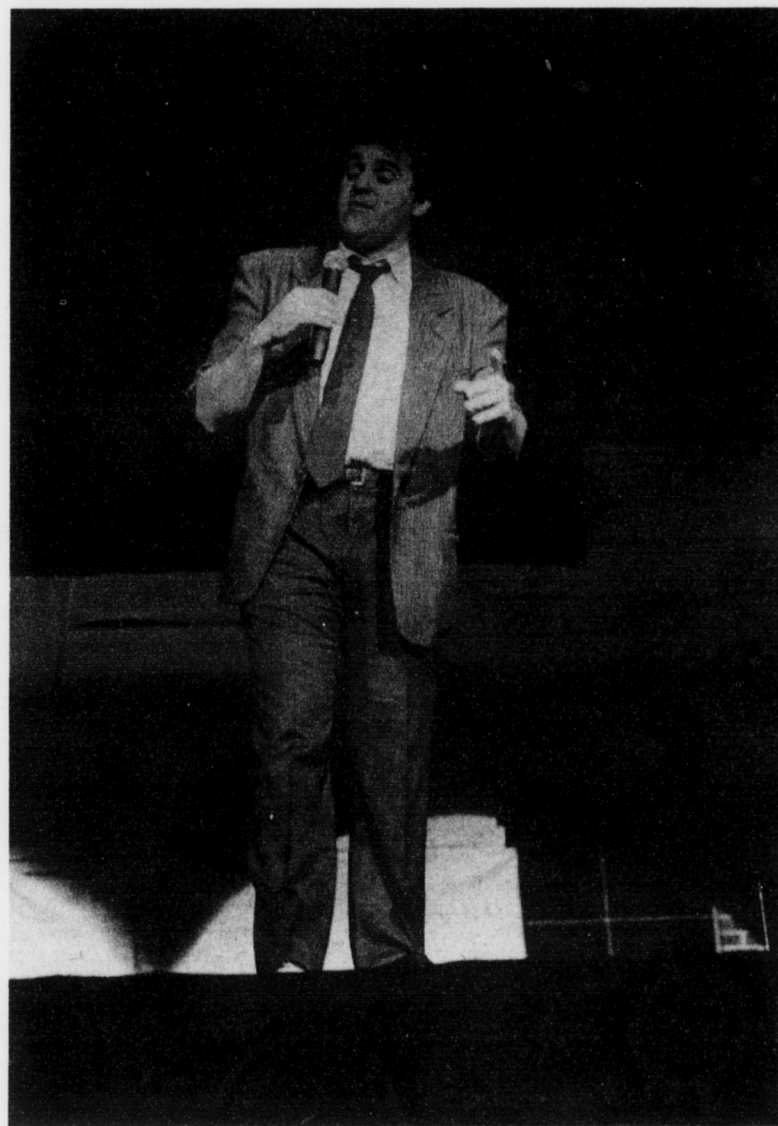
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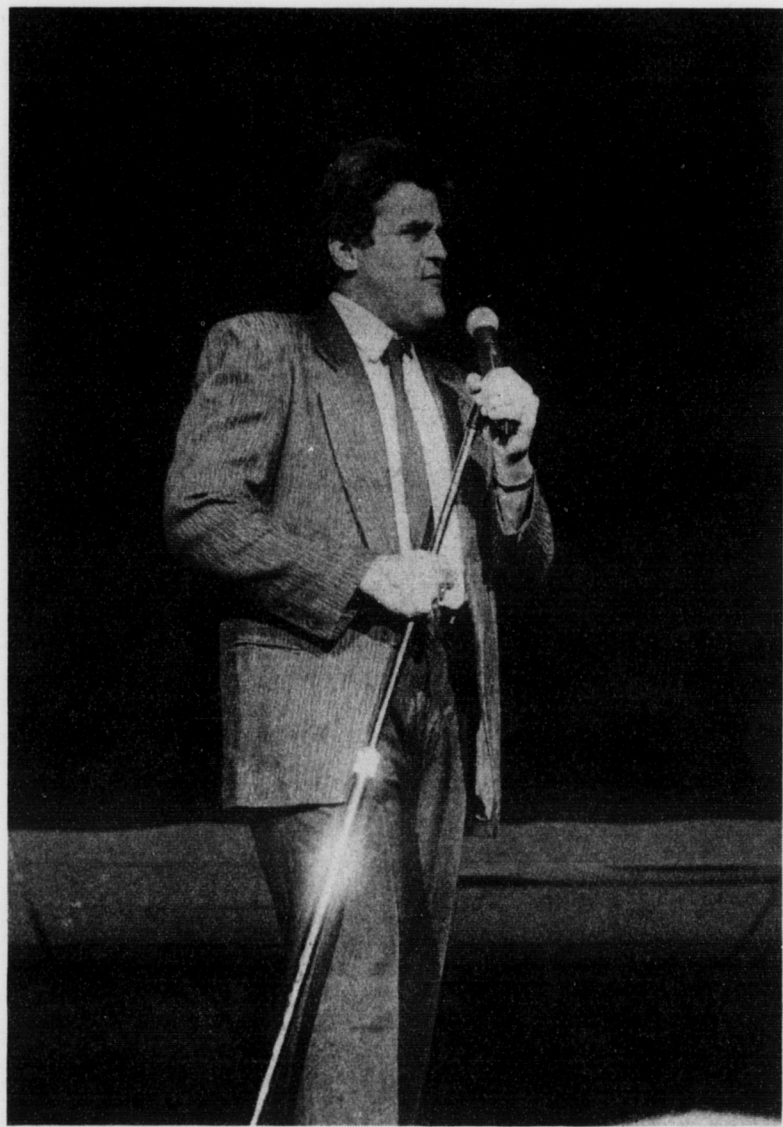
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Leno explains how Nancy Reagan's drug program should be modified.

## Morton Downey: "Blue Collar King"

by Gary DelGrego  
and Greg Lind

The scene: The Morton Downey Jr. Show.

The subject: Capital punishment.

The place: Worcester Memorial Auditorium.

The set: Four folding chairs and a wooden stool, not the normal Downey set viewers are use to seeing on his syndicated show.

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Once all their positions were clear, the yelling began, with lan-

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by Alex Kuhn  
Newspeak Staff

The Worcester County Music Association produced George Frederick Handel's Messiah on Saturday, December 3, 1988. This was the 88th year that it had been performed here in Worcester as part of the Association's yearly musical offerings.

For the past 129 years, the Association has brought fine performances of great music to the Worcester area. The Messiah is an annual event, featuring the Worcester Chorus and Worcester Orchestra. The Worcester Orchestra is a professional orchestra which participates throughout the year with their own Winter Concert Series, the Messiah, the Summer Pops Concerts and other choral concerts. The Worcester Chorus is one of the

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It is wonderful to see such fine music being brought here to Worcester, and to hear such great performances out of the people of the area. I highly advise people to take advantage of these concerts, right here in the city. For ticket information, write to the Worcester County Music Association, Memorial Auditorium, Worcester, MA.





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The Association brings other fine musical offerings to Worcester during their season also. On February 18, Leon Fleisher, Conductor and Pianist, will appear with the Worcester Orchestra to perform Schubert's "Unfinished" Symphony, along with works

by Ravel and Mussorgsky-Ravel. The Saint Paul Chamber Orchestra will be here on March 9, and the Yehudi Menuhin School Orchestra of England, featuring exceptional musically talented children from 9 to 18, will appear on April 18. The Final concert will be the Munich Philharmonic Orchestra, performing works of Rossini, Mozart, and Brahms, on April 24. All of these concerts are held in Mechanics Hall, Worcester's fine music hall in the center of the city.

It is wonderful to see such fine music being brought here to Worcester, and to hear such great performances out of the people of the area. I highly advise people to take advantage of these concerts, right here in the city. For ticket information, write to the Worcester County Music Association, Memorial Auditorium, Worcester, MA.





## "1940's Radio Hour" is Holiday Show at Foothills Theatre

(News Release) - This holiday season, Worcester Foothills Theatre takes you on a journey to December, 1942, when "The 1940's Radio Hour" goes "on the air" on stage at Foothills from December 1 - January 1.

The Walton Jones' play with music is being sponsored at Foothills by Northwest Airlines.

The theatre audience becomes one of the characters as they are transformed into the studio audience sitting in on the broadcast of a musical variety cavalcade "coming to you live from the beautiful Hotel Astor in New York City."

The show re-creates this broadcast complete with songs, commercials, contest give-aways, comedy sketches, swing music, and the kind of elaborate dance numbers that home audiences never could see.

Under the direction of John Grant-Phillips, who directed last year's world premiere of Marc Smith's satire "Retrofit", the cast of 15, including musicians, is the largest ever at Foothills. Grant-Phillips, who has extensive credits in both acting and directing, re-created, this Fall, the role he originated in Robert Brustein's adaptation of "Six Characters in Search of

an Author" and re-directed Andrei Serban's version of "The King Stag" for the Teatro Espanol in Madrid.

Highlighting "The 1940's Radio Hour" are some of the most popular swing and ballad songs of the 40's including "Blues in the Night", "Chatanooga Choo Choo" and "Boogie Woogie Bugle Boy." The audience sees the show in four layers: the performance out from, the private dramas among the cast, the musicians, and the control room people.

The show opened on December 4th, and will have eight performances a week until January 1st: Wednesdays, Thursdays, Fridays, and Sundays at 8 pm, Thursdays and Sundays at 2 pm, and Saturdays at 5 and 9 pm. No performances are scheduled for Christmas eve or Christmas Day.

Tickets range from \$17.50 - \$10, depending upon performance time. The box office also has gift certificates for sale and a holiday gift pack, a mini-subscription to the last four shows of the season. For reservations and information, phone the box office at 754-4018.

## Phi Sig Sig rocks for Kidney Foundation

by Karin Ricci

Phi Sigma Sigma is holding its first annual Rock-a-thon for our National Philanthropy - the National Kidney Foundation. The Rock-a-thon is scheduled to begin on Tuesday, January 17, 1989 at 4 p.m. and will continue for twenty-four hours, ending at 4 p.m. on Wednesday, January 18, 1989. It will be held in the lower wedge on campus.

We are looking for anyone who is willing to

either volunteer to rock or to go around and get sponsors and collect the money before the Rock-a-thon. Also, we are looking for any available rocking chairs that you would be able to loan to us for this event. We would really appreciate any help and support you could give us. Please send the names and box numbers of any interested people and the number of rocking chairs you have available, if any to Karin Ricci, Box 1631.

Thank you for your support!

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Dec 13<sup>th</sup> & 14<sup>th</sup> in the wedge!!

## WPI Army ROTC 11th at Ranger Challenge

(Army News Release) - Army ROTC cadets from Worcester Polytechnic Institute took 11th place in the Ranger Shootout Championships recently at Fort Devens, competing with teams from 15 other New England colleges.

The "Ranger Challenge," as it is called, is a varsity-level competition that emphasizes teamwork, physical toughness, and proficiency in such military skills as marksmanship, bridge building and orienteering.

The 9-man Worcester team is captained by Kris Rosado, and has been training for the annual event since school opened in September.

On Saturday, the Worcester team, also known as the Baystate Battalion Rangers, raced the clock and the other teams in orienteering, rope-bridge building, rifle marksmanship, and a weapons relay race. After

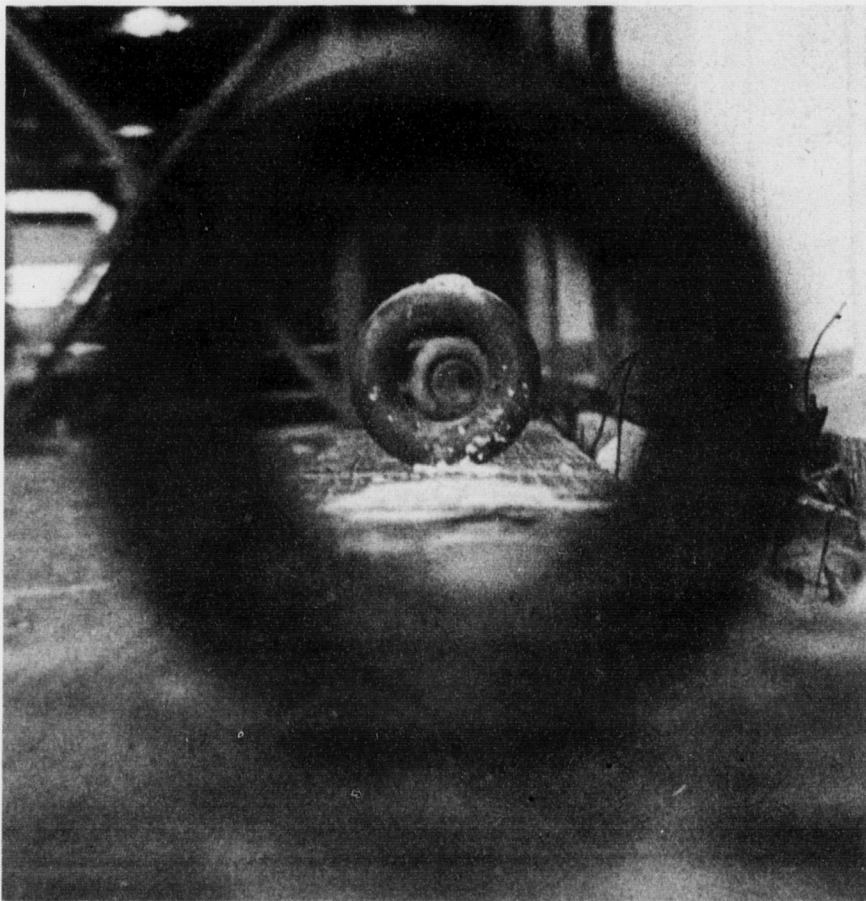
the first day, the team was 11th in over-all scoring. The big test came Sunday morning with the grueling 10-kilometer forced march carrying combat gear and 40-pound packs.

Brian Leary, a junior at the College of the Holy Cross, achieved 300 points, a maximum score, on the Army Physical Fitness Test.

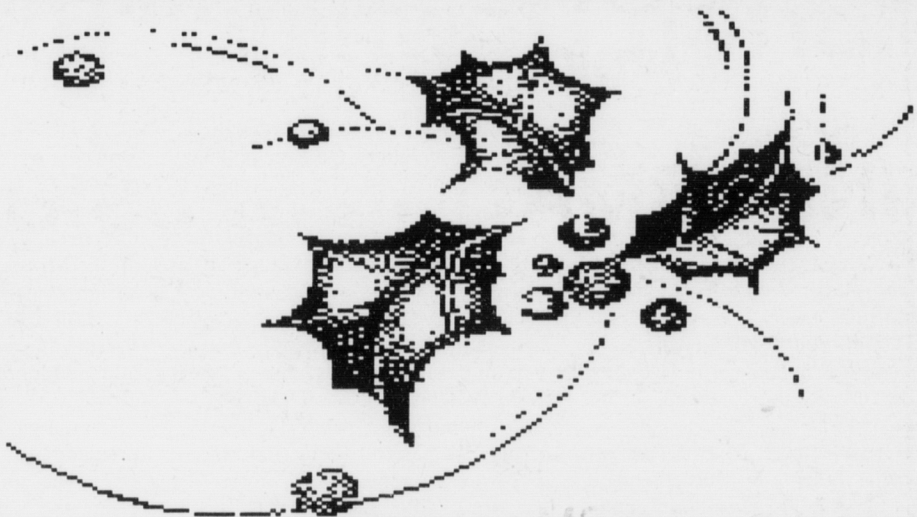
WPI cadets who earned places on the elite team included Kris Rosado, ME '89, Team Captain; Joseph Banavice, EE '89; Lee Sullivan, CM '89; Jason Budinoff, ME '90; Peter Kofod, EE '90; and Steven Richey, EE '91.

In March, Boston University and Norwich University, the first and second place teams, will compete in the East Coast Championships at Fort Bragg, North Carolina.

## What the Heck is This?



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## Sig Ep pumped for the American Heart Association

by Jeffrey J. Faneuff

The brothers of Sigma Phi Epsilon held a fund raiser for the American Heart Association on Saturday morning, December 3, and raised over \$2,000.

The brothers and pledges got businesses, friends, and families to sponsor their effort to raise the money. The sponsors contributed a specified amount of money per pound lifted. The brother bench pressed the most he could on Saturday in an effort to raise the maximum amount of money. This way there was a great incentive to do the best for the Heart Association.

Heart disease is a serious health problem in this country. It is the leading cause of death in the United States. Fifty percent of all the deaths in Massachusetts are attributed to some form of Heart Disease.

The American Heart Association is conducting continual research trying to solve the problems of heart disease. This research takes a long time and large amounts of money from generous supporters. The results of this research can be dramatically beneficial to us all. There is now a heart information service that answers the public's questions on preventing heart disease. Also advances such as bypass surgery, angiograms, heart transplants, the artificial heart, and many other life saving techniques all came about through such research supported by Heart Association funds.

Sigma Phi Epsilon along with the American Heart Association would like to thank all those who supported our cause. We extend special thanks to: Digital Equipment Corporation, Budweiser and Consolidated Beverages, McCrillia & Keep Insurance, American Pressed Metal, Inc., Aero Brazing Corporation, Victoria Station Antiques, the WPI Chemistry Department, the friends and family of the brothers, Coach Siedlecki for the use of the weight room, and any others we neglected to mention.

## Computer officials urge "Safe Computing" as copycat viruses spread

(CPS) - Still another computer "virus" spread a few weeks ago, this time disrupting Macintosh computers at California State University at Northridge.

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Officials have cured the viruses quickly in most cases. At Northridge, for instance, bookstore employees now test student's disks before letting students rent computers.

To prevent future viruses, moreover, some observers predict students at other campuses may have to endure disk searches and scoldings to behave.

"We're going to send out a message loud and clear that this is not to be tolerated, this is not a matter to be taken lightly," said Eugene Mallove of the Massachusetts Institute of Technology, which had the Tech Talk, the student paper, republish the campus's computer policies.

Just after one of its grad students was identified as a virus author, Cornell held what amounted to a "safe computing" seminar to advise people to back up their disks, to avoid trading programs "promiscuously" and to "wear protective software" that can detect viruses.

Still others see their job as teaching computer law to "techies."

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"I would like to see students more sensitized to this," added Peter Yee of the University of California - Berkeley experimental computing center.

"Before this incident, students felt that security and privacy were somebody else's problems," Yee said. "Now that one of our own has done this, I expect more in-depth discussion."

"I think there's a broad consensus among students

and faculty at Harvard that tampering with major computer systems is a very bad thing to do, and it can cause disruption within the whole social structure," added John Shattuck, vice president for government, community and public affairs at Harvard.

Convincing people not to write viruses — actually self-replicating programs that can destroy data automatically without the user's knowledge — is the best cure, Shattuck said, because vaccines cannot be created fast enough.

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Unaffected schools attributed their escape from the virus to luck.

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Ohio State escaped only because it was using a new version of the software the virus was attacking. "It's a good thing that we were keeping the operating system up to date," said Michael Fidler of OSU's computer center.

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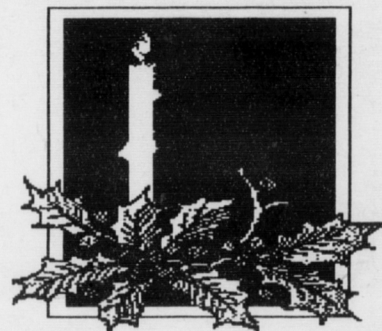
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But Ball thought the computing community would rally to stop viruses.

"I think there's a general impression it was wrong," he continued. "People are talking about the possibilities of fines and imprisonment. People realize the severity of the potential outcome for people who do it, sort of like if I'm speeding and I see a crash where people burned to death."



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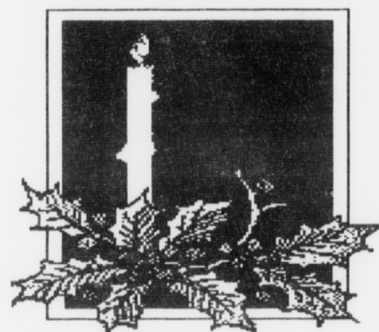
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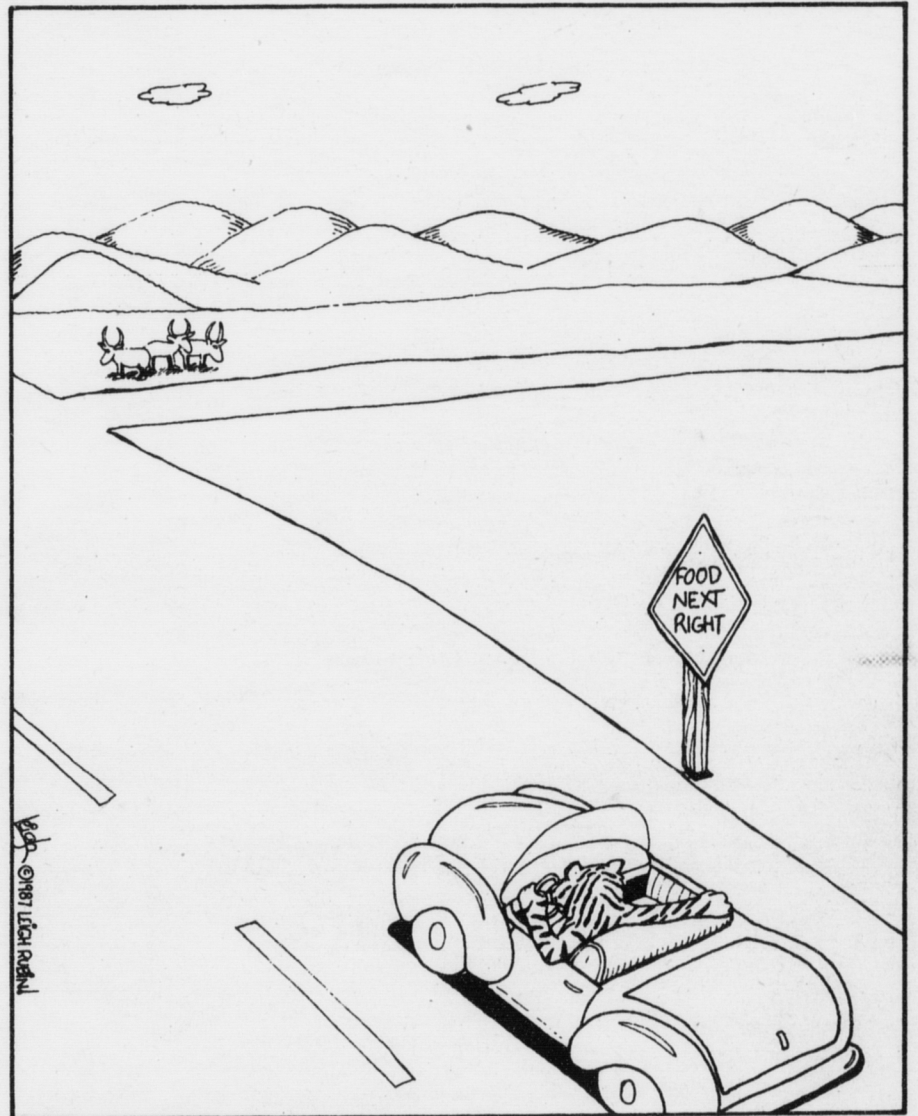
Joe Cool

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By Leigh Rubin



ACROSS

- 1 Wine cups
- 5 Arabian garment
- 8 Long, deep cut
- 12 Jargon
- 13 Parcel of land
- 14 Alms box
- 15 Ceremony
- 16 Unit of Latvian currency
- 17 Hind part
- 18 Slip away
- 20 Commision
- 22 Hog
- 23 Born
- 24 Strike out
- 27 Discover the presence of
- 31 Be in debt

- 32 Fish eggs
- 33 Bed canopy
- 37 Fall back
- 40 Greek letter
- 41 Ventilate
- 42 Rue
- 45 Turkish decrees
- 49 Sandarac tree
- 50 Possessed
- 52 Sleeping quarters: colloq.
- 53 Toward and within
- 54 Before
- 55 Learning
- 56 Antlered animal
- 57 Crimson
- 58 Gaelic

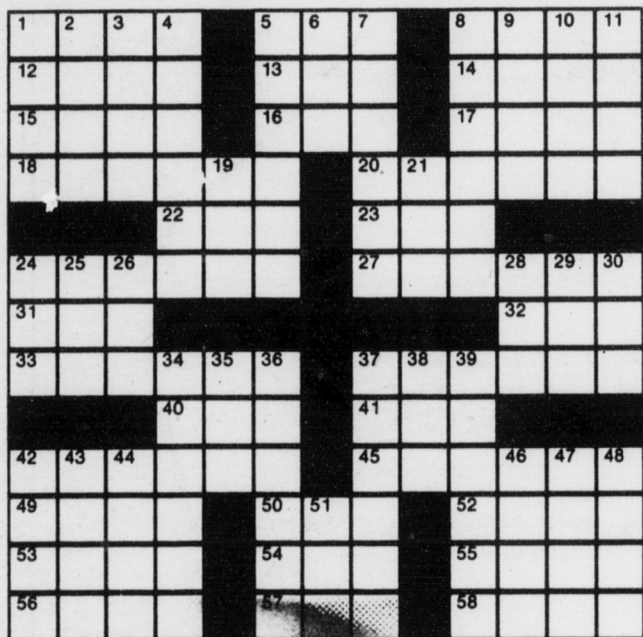
DOWN

- 1 Land measure

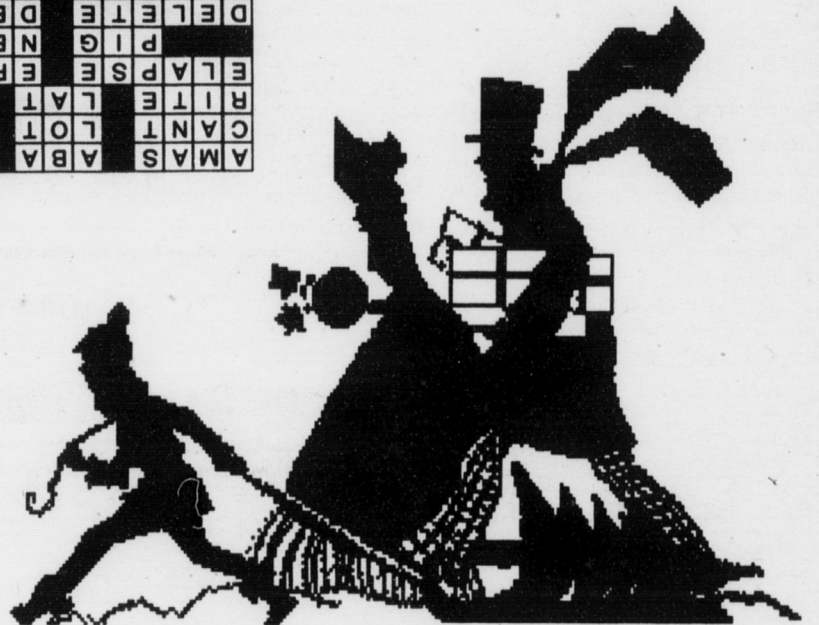
- 2 Post
- 3 Pilaster
- 4 Russian plain
- 5 Assert
- 6 Neckpiece

# The Weekly Crossword Puzzle

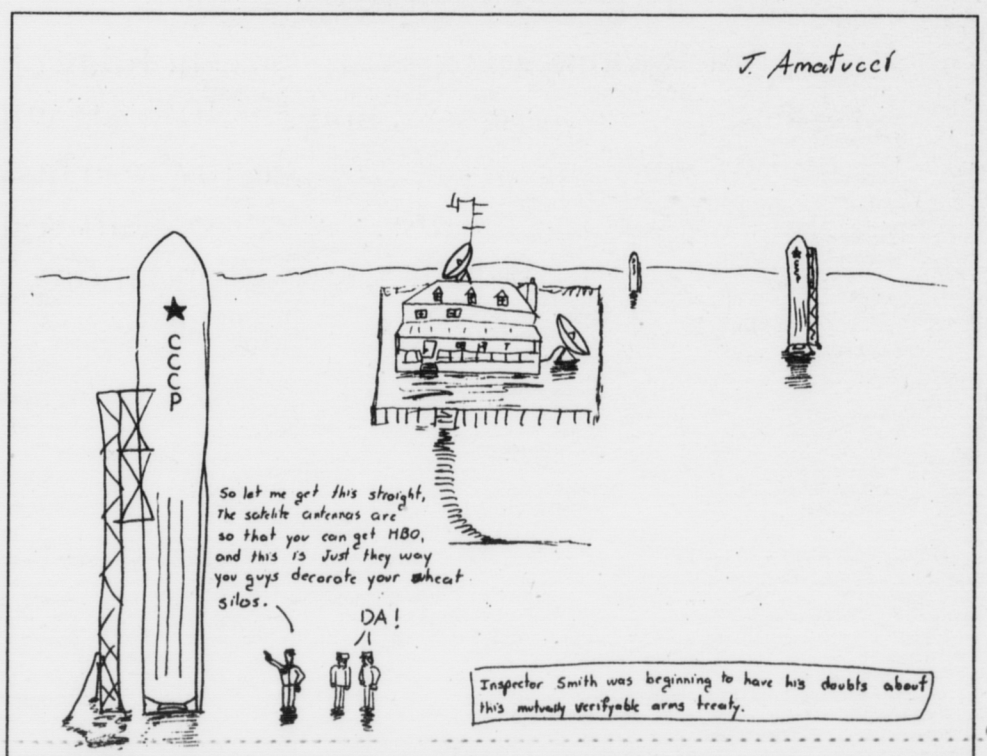
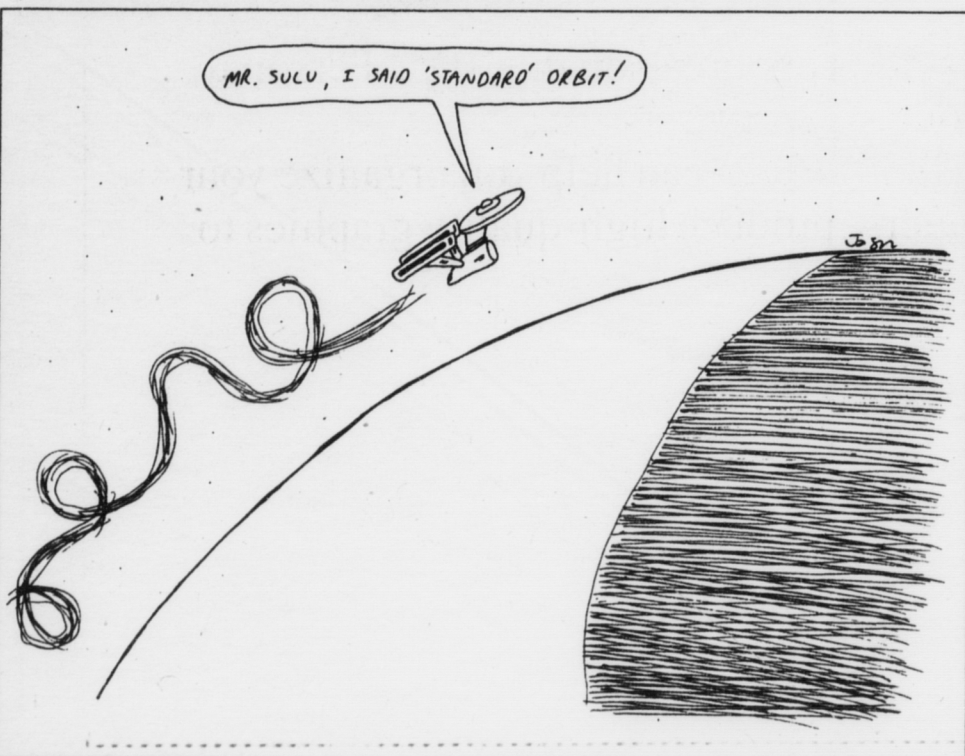
- 7 Be present
- 8 Attic
- 9 Region
- 10 Peruse
- 11 Difficult
- 19 Pose for portrait
- 21 Female ruff
- 24 Speck
- 25 Female sheep
- 26 French plural article
- 28 Before
- 29 Food fish
- 30 Golf mound
- 34 Fright
- 35 French for "summer"
- 36 Preferably
- 37 Invaded
- 38 Goddess of healing
- 39 Baby's bed
- 42 Foray
- 43 Sea eagle
- 44 Opening in fence
- 46 Entrance
- 47 Transgresses
- 48 Pintail duck
- 51 Exist



COLLEGE PRESS SERVICE



Greetings





## EDITORIAL

# WPI - the year in review

Every December at **Newspeak**, a new editorial board is elected by the staff. The new editors are elected for a one year term to try their hands at running a newspaper. Although this is sometimes a very difficult task, the group that has been elected for next term look like they will have no problems. The new Editor in Chief is Rob Sims. He will be helped by News Editor Chris Barcus. Pat Charles was elected as Features Editor. In the Photography Department is Jonathan French, who has been an Associate Photography Editor for two terms. Finally, new in the Circulation Department is Gary Pratt. Returning from last year are Gary Delgrego in Graphics, Dave Perreault in Business and Advertising, and Roger Burleson in Sports.

This past year has been a challenging one for all of us at **Newspeak** and also for the campus. It has been a year of excitement and change. In terms of news stories, **Newspeak** has been kept busy trying to keep the campus aware and involved with what has been happening, especially in the past two terms.

Although we missed some events from lack of time, resources and cooperation, we feel that **Newspeak** has come a long way in the past year - becoming a actual **NEWS**paper. Take a look at some of the events we have covered. The WPI campus has been involved in

the strike by the Plant Services staff, the continuing question of where the Greek system is going and the disruption of Lambda Chi Alpha. We have seen the controversial move of the Campus Police and the progress of the new Fuller Labs building. WPI celebrated its 100th year of football, while struggling over how to decrease the failure rate of the Freshman class. Harrington Auditorium and Alden Hall have been the site of several celebrities and entertainers like James Mapes, Dizzy Gillespie, "Skipper", and Jay Leno. The creativity of our student body has been highlighted with the Battle of the Bands and Masque. **Newspeak** has shown you a little bit of what life in the Soviet Union is like and has talked with President Strauss about the future of our school.

Looking back, it doesn't seem like all that could happen in a year at WPI and **Newspeak**, but it did, and we at **Newspeak** are proud of what we have done to contribute to this list. We've had compliments on how far the paper has come this year, and we have also had complaints. However, these complaints are often from people who are the subject of news and would rather not be, so we feel that we have achieved our goals this year. Hopefully, the upcoming year will be a successful one for WPI, **Newspeak** and the new Editorial board. Good Luck!



NEWSPEAK STAFF PHOTO/LAURA WAGNER

Last Thursday night, the brothers of Sig Ep invited children from a local day care center over for dinner and Christmas presents. The brothers chipped in to buy the presents and invited Santa over to help hand them out.

## COMMENTARY

## Soviet troop withdrawal: Will they live up to it?

by George Regnery  
Newspeak Staff

Soviet premier Mikhail Gorbachev announced significant reductions in troops and artillery from Eastern Europe. Now we already have people on the other side of the iron curtain (yes, it's still there, like it or not) saying NATO should match these cuts. However, I do not feel that NATO should make any withdrawals of troops at this time.

First of all, the Soviet Union and the Warsaw Pact continue to hold an overwhelming advantage in conventional forces. They will still have 350,000 more troops than the NATO countries do.

One must also think about what types of aircraft and tanks the Soviets will withdraw. Certainly, they aren't going to withdraw their most modern equipment, but will instead pull out equipment that is no longer really useable anyway (such as the Mig-21 fighter).

The Soviets also have to withdraw troops and military hardware because their economy is in a real mess.

The Soviets are pulling out troops and military hardware for these reasons, not because they are really concerned about peace. This small gesture was made because it is extremely good public relations, they don't need the stuff and it is too expensive to keep up.

I think that a major task for the Bush administration is going to try to get the number of conventional forces in Europe balanced, especially since the US agreed to withdraw its intermediate range nuclear weapons. The Soviet move doesn't change the situation very much the Soviets will still have an overwhelming superiority in conventional forces, and what little they are pulling out (compared to the totals, what they are pulling out is little) is highly likely to be their worst equipment.

Let's hope Mr. Bush can get Gorbachev to the negotiating table to get their conventional forces equal to ours, and let's hope the Soviets really live up to the INF agreement (although it appears as if they will at this point).

## Ask Mike

### Christmas Suggestions

Dear Mike: With you being a man, what do you suggest I should get my boyfriend for Christmas? He says he does not know what he would like, and I'm

Looking for Suggestions.

Dear Looking for Suggestions, Think about your boyfriend's likes and dislikes. This will be a good starting place. You might also consider asking his parents what he needs. I don't know how serious you are or how much you are willing to spend. I'll give you many ideas, and you can use all, some, or none of them.

Fashion, it is an area few men know about. An old girlfriend used to buy me fashionable, casual clothing all the time. This will help your boyfriend look better and people will think more of him (a sloppy dresser is usually considered a slob). You could buy him button down dress shirts, rugby shirts, tight fitting golf shirts, sweaters, etc. J.C.Penney's and Filene's are some of the more expensive and better quality places. There are numerous little shops and boutiques in malls and shopping centers. There are also places like Caldor, Kmart, Sears, and Zayres where you can find cheaper prices and all right quality. You might also consider casual pants. Dress jeans are okay on occasion, but it is nice to look really good in a comfortable pair of pants. The same places apply for pants. Remember that when picking cloth-

ing, everything runs in different sizes and everything is not true to size. So, save your receipts and be prepared to wait if you have to exchange.

Jewelry is a touchy subject with men. Most guys don't like rings or large chains. However, if presented with the right ring or chain most guys will fall in love with them. After getting a gold cross one Christmas and wearing it for a while, I finally realized it looked good. Also, I got a Black Saffire ring for my birthday. I loved it and many individuals comment how good it looks. There is always the I.D. Bracelet with his name and a love so-and-so. These are all romantic and expensive (depending on your definition of expensive - usually over \$150).

If your boyfriend is a car buff or is good with his hands, there are always tools. Not very romantic, but a smart gift when your car needs fixing in the middle of no where. The best are Craftsman or Snap On. It is usually personal preference (mine being Craftsman). They both have similar warranties (if ever defective, free replacement), but Snap On allows trade ins. You will find these tools very expensive, but they last forever. Don't buy cheap, because you will get crappy tools that break! I have seen it happen. Another idea for the car buff (or anyone with a car) is something cute for it. It will remind him of you. It could be a teddybear, air freshener, a picture of you, etc.

You could give him a subscription to his favorite magazine. That way he will be informed and he will have something to do while you are away. Gift certificates to a restaurant or a store let him pick what he wants, and they are good in an emergency (if you

are totally broke and starving, the McDonald's Gift Certificates come in handy). There is always the soft cuddle stuffed animal, or a transformer. They intrigue the simple minded (and the brains) for hours on end. You can fall back on to necessities: socks, underwear, and cologne.

I don't know if you have a sexual relationship, but in today's society, there are numerous gifts available. There are sexy pairs of underwear, ranging from g-strings to California Raisin boxer shorts. Little coupons good for various acts of fun and love, but avoid the unlimited cards. There are a lot of sick puppies out in the world. To find other gifts, check either Spenser Gifts or the various mail order catalogues. They might prove interesting.

The one very special gift you can give is a note. A note which tells your true feelings and thoughts. You never know what might happen. A note that tells someone why you care, will stay with them forever. No matter what happens, the truth will be known.

All these are just ideas. Some people might say that you can give cash and let the person decide. That ruins the fun and surprise of presents; although, I would be surprised if someone gave me a million dollars. My method is to walk in a store and just look. I think about who I'm buying for, and the right gift just pops out at me. It is fun and does not take that long. Just try to find a gift which will be meaningful. Cost does not matter - it is the thought that counts.

Have a Merry Christmas everyone and have a safe and happy break. See you in three to four weeks, Mike.

by Brian Freeman

**Newspeak will be taking a long holiday break. Our next issue will be published on January 17, 1989. See you next year!**

## Newspeak

The Student newspaper of Worcester Polytechnic Institute  
Box 2700, WPI, Worcester, Massachusetts 01609  
Phone (508)831-5464

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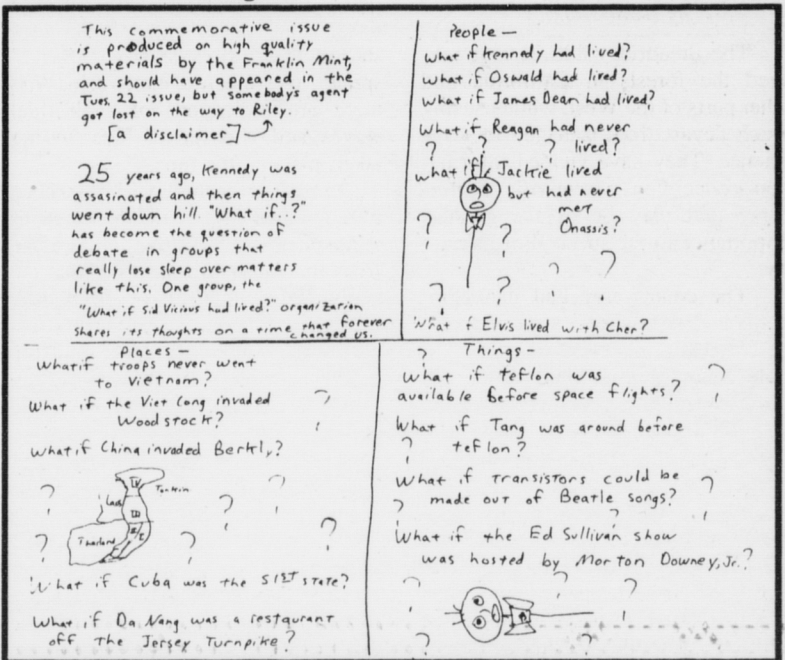
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WPI **Newspeak** of Worcester Polytechnic Institute, formerly the **Tech News**, has been published weekly during the academic year, except during college vacations, since 1909. Letters to the editor should be typed (double-spaced) and must contain the typed or printed name of the author as well as the author's signature and telephone number for verification. Students submitting letters to the editor should put their class after their name. Faculty and staff should include their full title. Letters deemed libelous or irrelevant to the WPI community will not be published.

The editors reserve the right to edit letters for correct punctuation and spelling. Letters to the editor are due by 9:00 a.m. on the Friday preceding publication. Send them to WPI Box 2700 or bring them to the **Newspeak** office, Riley 01. All other copy is due by noon on the Friday preceding publication.

The editorial is written by a member or members of the **Newspeak** staff. It does not necessarily reflect the opinions of the entire **Newspeak** staff. **Newspeak** subscribes to the Collegiate Press Service. Typesetting is done by Good Impressions Publishing, Oxford, MA. Printing is done by Saltus Press. First Class postage paid at Worcester, Massachusetts. Subscription rate is \$18.00 per school year, single copies 75 cents within the continental United States. Make all checks payable to WPI **Newspeak**.





VIEWPOINT

What are you going to do over the holiday break?



Russ Angers - ME '91

"Relax."



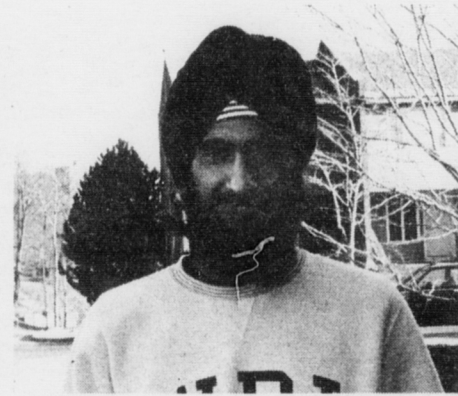
Evelyn Chang - EE '92

"I am going back to California and then go to Lake Tahoe and ski for 3 days."



Sung-Ki Park - MEA '89

"Going out to California to visit friends and work at NASA."



Inderpreet Khurana - EE '91

"I am going to be hanging out here and having fun! I will also be going to New York and boogying!"

NEWSPEAK STAFF PHOTOS/PEJMAN FANI

LETTERS

# Fake ID's not worth the time, risk, or money

To the Editor:

About this time of year, many students at WPI become curious about the Worcester bar/club scene. However, most undergraduates are underage. But due to the average ingenuity of the student body, a feasible solution is to devise a technique to create false identification. DON'T!

The process of making a fake ID takes an enormous amount of preparation, time and execution, be it tampering with an existing ID, or the like. This wasted time could be much more profitably spent in the pursuit of academic excellence, participating in extra-curricular activities and/or pledging the Greek system.

Before we discuss the monetary aspects of producing a false identification, let us consider it from a moralistic point of view. Aside from it being wrong, one must realize the incredible liability that is incurred each time a fake ID is produced. If any person is injured after purchasing alcohol with the ID that was made, you will be held personally responsible for their injuries as well as injuries to all third parties involved. How would you feel if one of your friends was arrested, or even worse, killed after using your ID?

The greatest misconception about producing a fake ID is that a tremendous amount of money will be earned. We ourselves once thought this to be true. But we found out the hard way that this is not the case. Often forgotten is the necessary capital used to purchase equipment, the time consumed in the production (even at minimum wage) and the cost of failing a course. This start up figure could easily exceed two thousand dollars.

In order to turn a profit many ID's must be manufactured. With such a volume it is impossible to have the operating remain confidential. Because of this, it is inevitable that the operation will become known to someone in an authority position. For example: your RA, the campus police or even possibly the Worcester Police Department may find out about your activities. In case many of you do not know, falsifying, tampering or creating a license is a felony punishable by up to five years in prison and a \$50,000 dollar fine.

In lieu of the preceding arguments, it is evident that producing a fake ID is asinine. No matter how appealing it may seem, making fake ID's is not worth the risk!

Names Withheld

COMMENTARY

# Observations from the Asylum

## Reflections for the Season

by Alton Reich  
Newspeak Staff

"Christmas time is here by golly,  
Disapproval would be folly,  
Deck the halls with hunks of holly,  
Cause brother here we go again!"

That little piece of song is copy-right by Tom Lehrer, and he's quite welcome to it, but he's got the right idea. The Christmas season is upon us, and I am feeling the stress and strain already. It's gotten so bad that I can't even wander into a book store to pick up the latest in sci-fi without encountering a crowd of people who have no idea what they want or who they want it for. This is not the time of year to need to get anywhere in a shopping mall without riot gear.

I was looking through a catalog, the only safe way to shop, and I saw the perfect gift for you friends or relatives who insist on mall shopping. It is called the "Mall Shoppers Survival Set" and it contains all sorts of useful stuff. First of all you get an official South African police officer's bullet proof vest and plexiglass shield. Hidden in the inside pocket of the vest is a booklet explaining how to calculate the odds of winning when

out numbered by 6 to 1 (I'm not even sure that's close, so no complaints if it isn't). It is unfortunate that the vests the South African police use don't come with this booklet, things'd be a lot more peaceful. The second piece of useful equipment is the patented New York police officer's 38 caliber pistol. It doesn't do much, but the noise is impressive. That's what worries me about being in New York again, the criminals are arrayed with a more impressive display of fire power than the cops. This is not so with the third item, it's an official Indiana State Police 12 gauge shotgun. There isn't a sight much more impressive than a State Trooper driving by caressing the shotgun in the rack on the front seat next to him. The Indiana State Police are widely feared, because they have the ability to produce a lot of weaponry quickly. The last item included is good for clearing out crowded stores in a hurry so you can get fast service. It is a genuine British Army tear gas grenade and gas mask. These are shipped directly from the isles, and have never been used before, so no one really knows if they'll work. I think I'll get one for my grandmother; she likes shopping all year round.

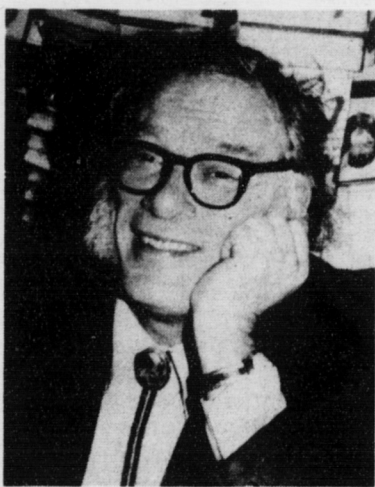
People tell me that catalogue shopping is anti-social. I tell them that it's safe. Problems arise when you just can't decide what to get someone, and you think that looking around will help. Ever notice that it is absolutely impossible to look around at Christmas? You usually can't get close enough to see anything, and if you make the effort it's wasted if you don't buy. Oh well, the effort may be worth it, if you're into masochism. I am not.

Then after Christmas comes New Years. There are lots of different ways to celebrate the coming of the new year. Many people simply get drunk, that's not my style. I like to greet the new year with clear senses. I look at it this way, how am I going to have a good year if I'm not really sure if it has arrived? The dilemma I'm faced with now is what to do on New Years Eve. I have no desire to go to First Night. I also have something against freezing parts of my body that I might someday need. I may either wind up someplace else, or hosting something (I sure as hell hope not).

And then after all that I have to come back to seven more weeks of walking around in a half daze, "Sleep, aren't those the four legged creatures that are most often the object of sodomy?" Back to fuel change at the reactor, "Beth, don't worry so much. Tom's children are mostly normal." Well, it could be much worse.

I hope everyone has a good break, and I'll be back to amuse you next term. And for those you of who won't be back, have a nice break anyway.

Philosophical Garbage: It has been said that everyone is put to their trials, how come mine seem to come more often than the average?



LA TIMES SYNDICATE

by Isaac Asimov

The dreadful wildfires that ravaged the forests in California and other parts of the West, while causing much devastation, managed to serve science. They have yielded information concerning a scientific controversy that may be of the greatest importance to the survival of humanity.

The controversy had its beginnings in 1980, when it was first suggested that an asteroid or comet, 10 miles across, may have struck the Earth 65 million years ago and produced a disaster that destroyed much of life on Earth, including all the dinosaurs.

As the years have passed, evidence in favor of such a strike has accumulated, and while there are still questions and disagreements, most scientists seem to have accepted this explanation of the dinosaurs' demise.

# The cooling effect of fire

Naturally, the question arose as to why such a strike, formidable though it may have been, should have killed all the dinosaurs. If the collision took place at a particular spot, why should life have been destroyed on the other side of the world, too?

The answer is that such a strike would have produced results that would have affected the whole world. If the asteroid had plunged into the ocean, there would have been tidal waves that would have ravaged all the coastlines of the world. If it had punctured the Earth's crust, the vastness of the volcano like eruption would have started forest fires that would have spread over much of the world. And there are indications of such tidal waves and widespread fires having taken place at the time.

Moreover, there would have been so much dust thrown up into the upper atmosphere by the strike, and smoke from the forest fires as well, that the sun's light would have been prevented from reaching the Earth's surface for a period of time. The cold and dark that would have then prevailed (an "asteroid winter") would have killed most of Earth's vegetation and the animals that depended upon it.

Then, beginning in 1982, some people began to wonder whether an all-out nuclear war might not produce similar effects. Imagine thousands of nuclear bombs being exploded on Earth. Each one would create a fireball that would start a conflagration.

Each one would cast tons of soil into the air. No one of them would do the damage of a single asteroid strike, but all of them together, striking in different areas of the Earth, might do so. The dust and smoke in the upper atmosphere might start a "nuclear winter" that would kill vegetation and starve animal life — and then we would go the way of the dinosaurs, quite literally.

If this scenario is true, then the tens of thousands of nuclear bombs accumulated by the superpowers can never be used. Even if one side managed to carry through a sneak first attack that crippled the other side and prevented retaliation, there would be no victory. The nuclear winter would then destroy the untouched power as well — and all the neutrals.

The questions is, though, would a "nuclear winter" really result? Those people who fear a nuclear war naturally think it would. Those people, on the other hand, who feel that the threat of a nuclear war must be maintained for defense, think it wouldn't and that the fears are being deliberately exaggerated by soft-headed pacifists.

Nor is there any good way of testing the matter. You can't explode a vast number of nuclear bombs just to see what would happen. And you can't argue just from theory since that wouldn't be convincing to those who refuse to believe.

But now Alan Robock, a meteorologist of the University of Maryland,

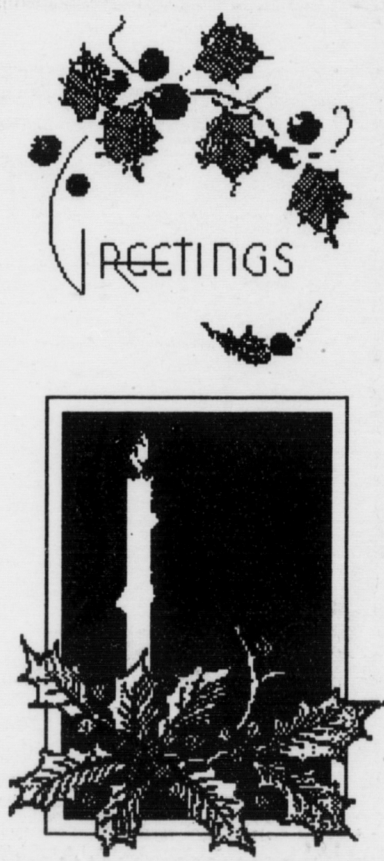
has reported on the effects of the Western wildfires of the summer of 1988. Smoke emitted from those fires was trapped over some valleys in Northern California and Southern Oregon by an inversion layer. Smoke accumulated there for three weeks.

More important, however, was that there was a cooling effect. Daily maximum temperatures on the valley floors were lower than normal by more than 9 degrees Fahrenheit over that three-week period. During the worst week of the interval, temperatures were down by nearly 30 degrees Fahrenheit.

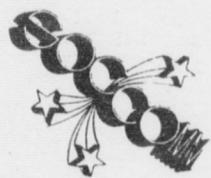
The cause of this phenomenon was the burning over the period of a month of 80 square miles of forest. There have been estimates that in a nuclear war more than 80,000 square miles of forest would burn. The burning of industrial plants, oil refineries and so on would add additional smoke of a worse type.

This careful study of day-to-day temperatures in the case of ordinary forest fires certainly makes it seem that a "nuclear winter" cannot be ruled out. In addition to the immediate deaths by the explosive blasts of nuclear war, and the slower, more agonizing deaths caused by radioactive fallout, there would be almost universal starvation as a cold darkness fell across the world.

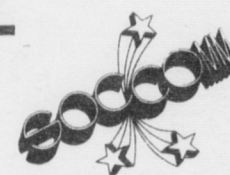
My own feeling is that we face a clear choice. The world must live in peace, or it won't live at all.







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ALSO CONTINUED CINEMATECH AND  
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FEB 6<sup>TH</sup>, WALLACE TERRY, AN AUTHOR  
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FEB 14<sup>TH</sup>, THE MOVIE "THE BIRD"  
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## "BIRD" PROCLAIMS EASTWOOD A MAJOR AMERICAN DIRECTOR."

There is not a cheap note or a careless image, not an easy judgment or a forced emotion, in 'Bird'. It permits a man's life its complexity. And with its passionate craft, it proclaims that Eastwood is a major American director.

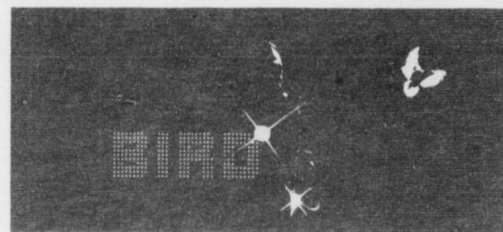
'Bird' is a moving tribute and a labor of love. The portrait it offers is one Charlie Parker's admirers will recognize. The soundtrack is superb.

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A CLINT EASTWOOD FILM  
"THE BIRD"  
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COSTUME DESIGNER: JUDITH K. WATSON  
HAIR AND MAKEUP: JUDITH K. WATSON  
PRODUCTION DESIGNER: JUDITH K. WATSON  
EXECUTIVE PRODUCERS: JUDITH K. WATSON  
PRODUCED BY JUDITH K. WATSON  
SCREENPLAY BY JUDITH K. WATSON  
DIRECTED BY CLINT EASTWOOD  
CASTING BY JUDITH K. WATSON  
COSTUME DESIGNER: JUDITH K. WATSON  
HAIR AND MAKEUP: JUDITH K. WATSON  
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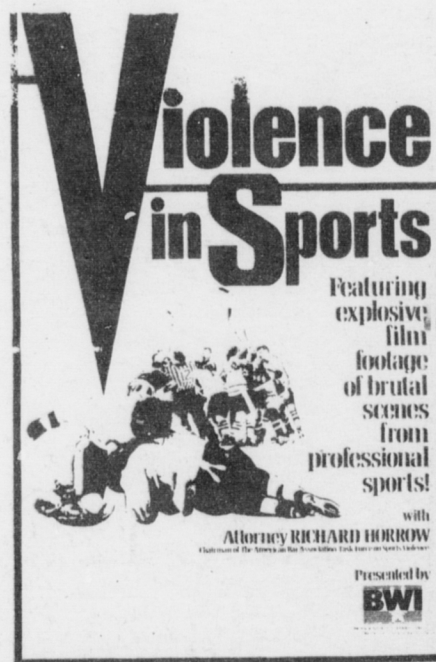


## SPECIAL EVENTS WILL FEATURE:

JAN. 19<sup>TH</sup>, RICHARD HORROW'S "VIOLENCE IN SPORTS" 8 P.M. IN KINNICUT

JAN 27<sup>TH</sup> AND 28<sup>TH</sup>, THE ANNUAL  
"BATTLE OF THE BANDS"  
IN ALDEN

APPLICATIONS REQUESTS DUE BEFORE DEC. 14TH



## NEXT, CONCERTS WILL PRESENT:

FEB. 10<sup>TH</sup>, JAZZ GUITARIST  
STANLEY JORDAN  
IN ALDEN

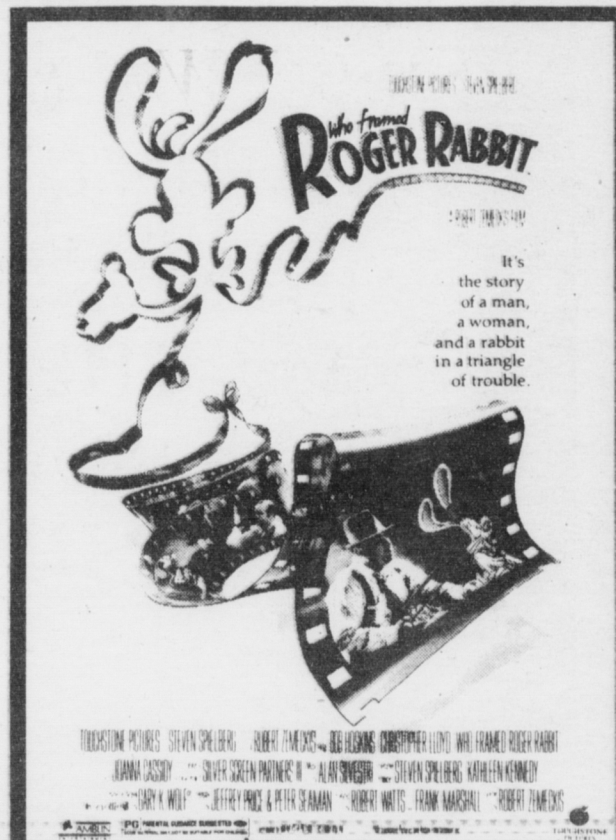


## LASTLY, FILMS HAS PROGRAMMED SUCH RECENT FILMS AS:

JAN 15<sup>TH</sup>, "WHO FRAMED ROGER RABBIT?"  
6:30 AND 9:30 IN ALDEN

FEB. 5<sup>TH</sup>, "COLORS"  
6:30 AND 9:30 IN ALDEN

FEB. 19<sup>TH</sup>, "DIEHARD"  
6:30 AND 9:30 IN ALDEN





## SPORTS

# M & W swimming rises to 2-1

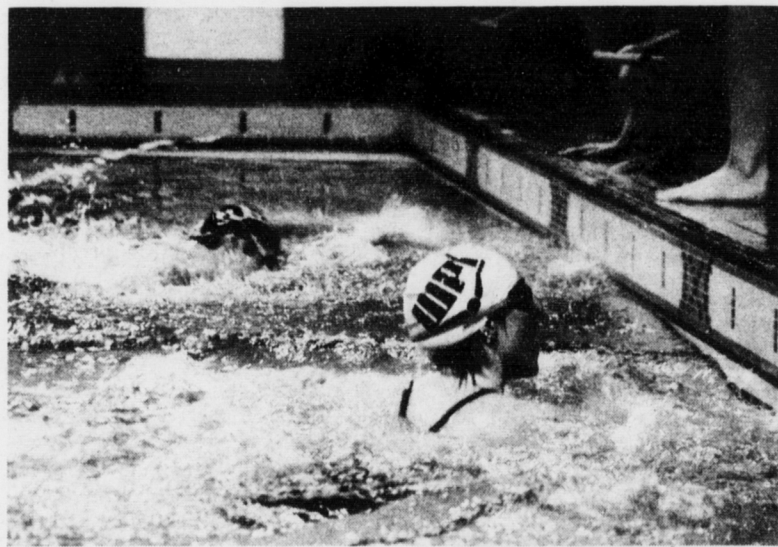
by Kim Kuzmitski

The men's and women's swim teams beat Babson, 57-38 and 62-32, respectively. Taking firsts for WPI were Jen Lambert (200 free, 200 breast), Kim Kuzmitski (60 free, 100 free) and Jenn Tobin (160 IM). Other outstanding performances were turned in by Cara DellaGiustina (200 fly) and Mindy Neligon (160 IM). For the men, firsts were taken by Andy Owen (200 free), Miklos Kiss (1000 free, 500 free) and Rob Crocker (160 IM, 200 breast). They swam many collegiate best times, including Scott Korol, who rounded out the 1,2 combination of the 200 free and Rob Crocker who had an outstanding quick time in the 200 breast. Both the men's and the women's teams won their medley relay and freestyle relays.

For the men's team, in a tough loss to Holy Cross (Div. I), first place performances were done by Bill Howey (50 free), Rob Crocker (200 IM) and Neil Thurber, who performed superbly to win the 1 meter diving. The 400 free relay was also victorious.

The women's team meanwhile dropped one to Westfield State, 143-117. First places were taken by Jen Lambert (50 breast, 200 breast), Kim Kuzmitski (50 free), Jen Tobin (100 IM) and the 200 freestyle relay. Also a great first performance was done by Beth Schaefer in the diving.

The men's team destroyed Clark, 137-102, in the muck of Clark University's pool. First places were



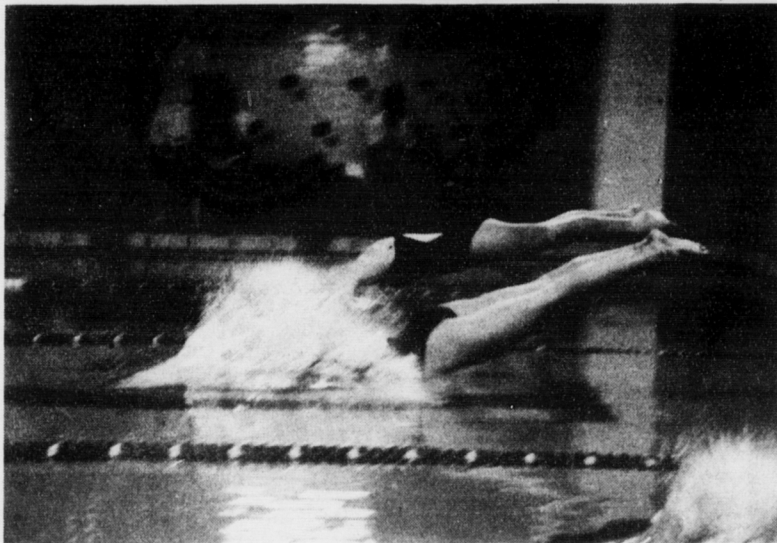
NEWSPEAK STAFF PHOTO/BUDHI SANYOTO

(200 free, 100 breast), Kim Kuzmitski (50 free, 100 free) and the free relay composed of Kim Kuzmitski, Mindy Neligon, Jenn Tobin and Tara Zaharoff, which clinched the victory for WPI. Fine performances were turned by Cara DellaGiustina as she rounded the 1,2 combination of the 100 breast and Becky Griffith in the 500 free and 1000 free as she took second and third respectively on her way to personal best times. Best times were also turned in by Patrise Puleo (60 free),

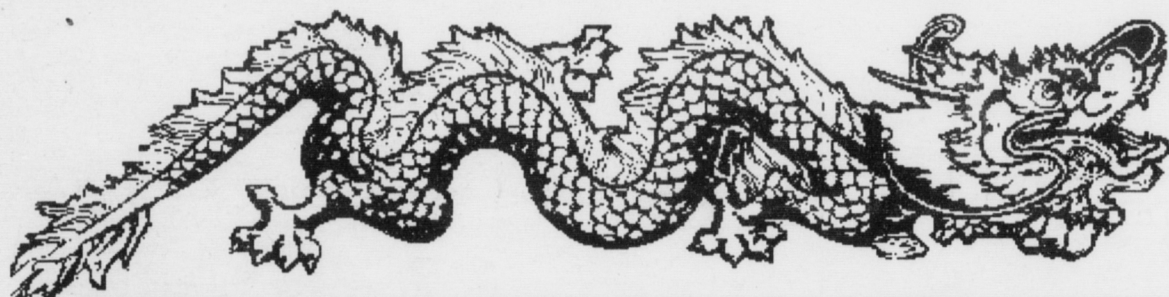
Megan Moore (1000 free) and Sarah Glow (100 back).

As both teams look forward to their last meet of B-term at Connecticut College, we would like to wish a speedy recovery to Sarah Adams and Erin Ryan. The men's team would also like to remind Ben to watch out for those sudden ice storms.

After a dead even start a WPI woman swimmer looks up at the end of her race to discover that she has won the race against Babson. The women beat Babson 62-32.



NEWSPEAK STAFF PHOTO/BUDHI SANYOTO



Happy  
Chinese  
New Year  
(in advance)!

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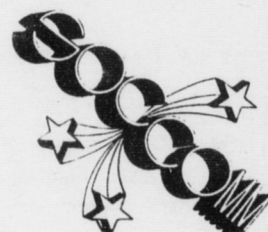
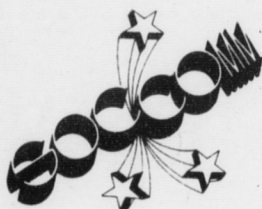
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JANUARY 27<sup>TH</sup> AND 28<sup>TH</sup>

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**BEFORE** DECEMBER 14<sup>TH</sup>



SPORTS

# Wrestlers off to flying start

by Roger Burleson  
Sports Editor

What happens when one of the top Division III wrestling college takes on some of the best area Division I colleges? For one, you get to see a lot of good wrestling on that day. But, it also results in WPI beating Harvard, New York University, and losing to University of New Hampshire.

Against Harvard both teams won five of the ten weight classes. It was just a matter of how much the victories were worth to the team scores. Harvard had four three point victories and one pin for eighteen points, while WPI had two four point victories, two three pointers, and one pin for 20 points and the victory.

Leading it off for WPI at 118 was Rick Maguire. Towards the end of his match he was winning only 9-5, but he then hit a five point roll to give himself the win and a 14-5 victory and four team points. Harvard came back with two straight narrow victories at 126 and 134 over Tom Sgammato (9-4) and Ed DeNave (6-3). WPI responded with two victories themselves at 142 and 150. At those weights it was Chris Carey (7-2) and Toby Wyman (13-2). Wyman was the second four point team victory of the day and WPI now had a 11-6 lead. Harvard and WPI then traded victories at 158 and 167 when Dave Sunderland lost a close 6-2 match and Brian Glatz won his match 3-2. Jeff Graveline lost his match at 177 5-2, so WPI took a 14-12 lead into the final two weight classes. Wrestling for WPI at 190 was freshman Aaron Castellano. A pin or technical fall by him would assure the victory for WPI. And then in the second period, Castellano hit a pancake to put his opponent on his back and stick him at the 3:10 mark and seal the 20-18 victory for WPI.

Against NYU WPI took five of the weight classes and drew one to give themselves a 26-17 victory against their second division I opponent.

At 118 Chris Paraskevatos took a forfeit to start things off for the Engi-

neers. Mike Matukatis escaped in the final period to take a 11-11 tie in his 126 pound bout. NYU took the 134 and 142 pound bouts against freshmen Brian Chu (5-1) and DeNave who was bumped up a class. Matt Oney then won at 150 6-0 and Wyman won by fall at the 4:50 mark. Going up a class to 167, Sunderland was pinned. Glatz won his match at 177 8-5. Graveline, too, was bumped up a weight class to 190 where he lost 10-5 and WPI was winning 20-17, and the outcome of the match would be decided at heavy-weight. Mike Ahearne did not leave us in suspense for long, as he pinned his opponent just 55 seconds into the match.

WPI lost to UNH 27-7. WPI just took two weight classes in the meet. Sgammato won 11-0 at 126 and Glatz won 3-2 at 167. But even the losses were all close, since many of the wrestlers were even with their abilities, just UNH won the matches.

Also, what happens when WPI meets an upcoming Division III team like Plymouth State? WPI thrashes them 39-2 to show them that they are still the perennial power. Maguire led off at 118 with a 18-7 victory. Following him at 126, with his first varsity victory was Matukatis, by the score of 8-7. Sgammato won at 132 by a score of 7-6. Carey had a 3-3 tie at 142 while Sunderland won at 158 8-5. Wyman showed his skills by technical falling his man 15-0 in the first period of the 150 bout. Glatz pinned his man at 167 in 2:12. At 177 Jeff Graveline defeated his opponent 10-2. Castellano won his first varsity match, too, by winning by the score of 11-5. Heavy-weight Ahearne won his first Varsity match decisively by getting a pin in 45 seconds.

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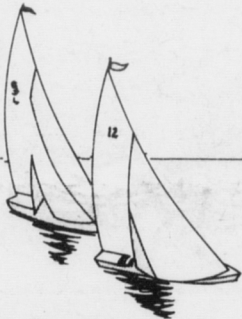
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by Roger Burleson  
Sports Editor

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No question about it. Take Notre Dame. West Virginia has no business playing for the national championship.

By Senor Allende

## Pulsar





SPORTS

# Wrestlers off to flying start

by Roger Burleson  
Sports Editor

What happens when one of the top Division III wrestling college takes on some of the best area Division I colleges? For one, you get to see a lot of good wrestling on that day. But, it also results in WPI beating Harvard, New York University, and losing to University of New Hampshire.

Against Harvard both teams won five of the ten weight classes. It was just a matter of how much the victories were worth to the team scores. Harvard had four three point victories and one pin for eighteen points, while WPI had two four point victories, two three pointers, and one pin for 20 points and the victory.

Leading it off for WPI at 118 was Rick Maguire. Towards the end of his match he was winning only 9-5, but he then hit a five point roll to give himself the win and a 14-5 victory and four team points. Harvard came back with two straight narrow victories at 126 and 134 over Tom Sgammato (9-4) and Ed DeNave (6-3). WPI responded with two victories themselves at 142 and 150. At those weights it was Chris Carey (7-2) and Toby Wyman (13-2). Wyman was the second four point team victory of the day and WPI now had a 11-6 lead. Harvard and WPI then traded victories at 158 and 167 when Dave Sunderland lost a close 6-2 match and Brian Glatz won his match 3-2. Jeff Graveline lost his match at 177 5-2, so WPI took a 14-12 lead into the final two weight classes. Wrestling for WPI at 190 was freshman Aaron Castellano. A pin or technical fall by him would assure the victory for WPI. And then in the second period, Castellano hit a pancake to put his opponent on his back and stick him at the 3:10 mark and seal the 20-18 victory for WPI.

Against NYU WPI took five of the weight classes and drew one to give themselves a 26-17 victory against their second division I opponent.

At 118 Chris Paraskevatos took a forfeit to start things off for the Engi-

neers. Mike Matukatis escaped in the final period to take a 11-11 tie in his 126 pound bout. NYU took the 134 and 142 pound bouts against freshmen Brian Chu (5-1) and DeNave who was bumped up a class. Matt Oney then won at 150 6-0 and Wyman won by fall at the 4:50 mark. Going up a class to 167, Sunderland was pinned. Glatz won his match at 177 8-5. Graveline, too, was bumped up a weight class to 190 where he lost 10-5 and WPI was winning 20-17, and the outcome of the match would be decided at heavy-weight. Mike Ahearne did not leave us in suspense for long, as he pinned his opponent just 55 seconds into the match.

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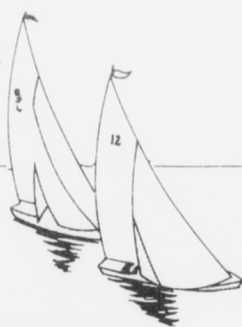
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## Pulsar





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## CLUB CORNER

### Alpha Phi Omega

Well yesterday was our last meeting of the term. New officers were elected so in January you'll be rid of me as your P.C./ Club Corner author. Who are the new officers, I don't know because I'm actually writing this before the elections take place (if you haven't realized this fact yet, get a clue!) But congrats to all those who got elected, and thanks to last years officers for helping the fraternity reach for and obtain higher goals, even if we (the officers) got on each others nerves constantly. Nothing ever runs completely smooth.

Did we do any babysitting on Friday night. Well it's 8:00 p.m. on Thursday and Kev hasn't heard anything yet from Mrs. S. so I guess not. The issue of fellowship and fraternity spirit was briefly discussed at the meeting previous to last. Let us hope that we can overcome our individual hang-ups and differences and function as a whole group. "A house divided cannot stand," in the immortal words of someone. And now the quotes:

Oh no, my final Club Corner! Boo, hoo! Yeh! ...Okay, who stirred the punch?...Merry Xmas to all the non-secret santas!!! (S+J love L)...Death to the composites!...HA!!!!...How many INCHES was that? Do Kay or Mindy know?...Hey! I got ants in my .. um, er, shoes!! yeah...Stomp missed the meeting, nyah, nyah!!...What happened to Mary's rug?...Never force hot Sloppy Joes into a virgin mouth.

And so I bid you adieu. It's been a great two years writing this column I hope you've enjoyed it. And I leave you with a quote from the fabulous Neil Peart - "Some are born to rule the world, to live their fantasies. But most of us just dream about the things we'd like to be." May the brothers of Alpha Phi Omega be the rulers of the world, forever.

### Glee Club

Dudes, how's it going? Yes, after a term of being reminded I have finally gotten a club corner in. Now where should I start?

I want to thank everyone who attended the Wheaton Vespers concert. Everyone that I talked to said that it sounded AWESOME! I was even told that this was the best concert in the past four years. But the best comment came from Louis when he came down after the performance and told us what a good job he thought we did. I'll tell you, from a music critic like him, that means a lot.

Well after a week and a half of play and almost twenty deaths, we are now down to four, maybe less by now. Some of the games highlights include: the "first kill in two minutes",

the "as I am leaving the shower" kill, the "let me see your protection item" kill, the "E-5 massacre", and the "let's kill four people in about 24 hours spree", just to name a few. Tied for the most kills are Ron "I'll rub you out" Holt and Neal "I'm very persistent" Guilmette, both with four kills. Also left are Wayne "Paint Brush" Clark and Mike "I'm not playing" Monaghan, both with a single kill. Good luck guys, and watch out for mute, punk rock Fuzzy Bears!!

We have a concert this week at WPI for a change. Yes, this Wednesday in Alden we, along with other music groups, will perform in the annual Christmas concert. So please, get some friends to go because I think it should be a good concert. I'd like to personally thank the Women's Chorale for accompanying us during part of the performance.

I hope that everyone enjoyed this past weekend's activities, but not too much. Remember that we are always looking for new candidates for YAK OF THE YEAR. This year's nominees are: Carl, "the man with the killer chicken," and Chad Alphabet. To all those who still owe money, pay Mo \$40 before break. Well, that's all for now, so Merry Christmas everyone and have a great break!! I'll leave you with this last message: We will drink and get real drunk and stumble till we fall, the walls will move, the room will spin, and we will have a ball... Beer and wine will come to you, and a buzz will follow too... etc. (Sung to: Here we come a Wassailing).

### Management Society

The Management Society had their annual Christmas Party at the Sterling Inn on December 2, 1988. The party organized, by Stacy Valhouli, President of the Management Society, was quite a success. Students, faculty, and administrators attended the festive occasion. The officers hope that everyone enjoyed themselves. The party was a time for students and faculty to interact in a social atmosphere. A main goal of the Management Society is to increase the membership. Through our activities, we have done so. The officers would like to thank everyone for attending the party and making it the success that it was. We hope that the Management Society will receive continued support in the future both from students and faculty.

### Society of Manufacturing Engineers

Well, I hope everyone got their personalized Christmas message! If you didn't receive one, it means you are not on the roster and probably have forgotten to return your applica-

tion. If that is the case, you still have a couple of days before break to get it in to box 2157! Remember, applications can be had outside of Higgins 109. If you mailed the application directly to Headquarters, then we have to wait to hear from them before you will appear on the student chapter roster. Either way the application was processed, you will soon begin to reap the harvest of benefits from being a member of SME. The benefits will be resumed in the beginning of C-term and will be posted so look for us. Don't forget to keep notice of the SME bulletin board for the word of happenings.

Now that the formal stuff is said, the Executive Committee wishes all who have read this article a happy holiday break and hopes our wishes will somehow be conveyed to those who didn't. Happy Christmas to all, and to all a good snooze!

### Students For Social Awareness

The Students For Social Awareness group met again last week to speak to each other about current issues. One of the questions posed to the forum as an introduction to each other was "why are you here at WPI?" Another question debated over was "Which of the five senses is most important to you? The least important? Why?" Other topics of discussion included the devastating earthquake in Armenia, how concern for self can leave us ignorant of feelings around us, and 'the unshakable UPC code'.

SFSA welcomes the new students who joined us last week, and would like to encourage any other interested students to come to our next meeting which will be on Thursday, December 15, at 4:30 pm in the Salisbury Labs T.V. lounge. We also welcome new topics and fresh views. For information about SFSA or meetings, please contact Glenn, box 2564.

### Tau Beta Pi

Congratulations to the new members of the Massachusetts Alpha chapter of Tau Beta Pi, the National Engineering honor society. The initiation was held on December 1, 1988, and was followed by a banquet at the Sheraton-Lincoln. The Guest Speaker was Van A, who reminded us to always follow our professional ethics. Congratulations to:

Eminent Engineer: Professor Wilhelm Eggmann, EE Dept.

Seniors: Ted Ayliffe, Daniel Bowers, Mark Bugbee, Glenn Butler, Marc Champagne, Cheryl Church, Mark D'Angelo, Steven Decoste, Sik Tjhan Djoe, Joseph Gagliardi, George Ghantous, Michael Goodhue, John Grimm, Manish Gupta, Seth Hillman, J. R.

Hosseini, Richard June, Michael Labbe, Michael Legere, Richard Lupien, John Mansolillo, Jeff Matthews, David Meunier, Kathleen Murray, Michael Nowlan, Joseph Parashac, Christopher Pater, Thai Pham, Leslie Reed, Robert Rosa, Mark Siciliano, Michael Skolones, Ellen Sloan, Thomas Stottlemeyer, James Tremblay, Rosemary Vassallo, and Thomas Whitner.

Juniors: Megat Z. Abdul Rahim, Tom Bruns, Kim Cloutier, Stacey Cotton, Andrew Galasso, Nicholas Grammenos, Michael Haley, Matthew Kubik, Donald LeBlanc, Ira Nydick, Michelle Petkers, Scott Sandler, and Ronald Skoletsky. Congratulations also to Athena Demetry, the recipient of Mass. Alpha's 1988 Outstanding Sophomore Award. Athena was selected on the basis of extracurricular activities and social responsibility, as well as academics. Thanks go out to the D.C. Alpha chapter of Tau Beta Pi for initiating Michelle Petkers on our behalf which she is at the D.C. Project Center.

### Wireless Association

WELL, this is my last official club corner blurb as Secretary. We still haven't decided on who the officers are for next year, due to a small problem we had last week at the meeting. So this week, we will have the real elections. Look in your mailbox for the slate of officers. Voting will be held in person, or send your absentee ballot to Ed Walsh, care of the BE Department. He will be handling all absentee ballots. Make sure your name shows on the envelope, so we can check your vote off. It doesn't have to be on the ballot, just the envelope.

Speaking of Ed, it appears that he upgraded to Advanced on Saturday, along with a host of other members, including Paul Marciello, John Whitson, and Victor Winklaar. Gary DelGREGO passed the novice written, and is nearly ready for the code test. (He even copied an "A" on the 20 WPM exam!) Some of us were not quite so lucky ('Just one \*%(! letter!') but have gotten over it well.

Operation Santa Claus will be tomorrow. Ed and Bob will be going to the hospital, and the rest of us can meet up in the club about 6:00 or so. The Santa Sighting Station can use all the Elves that want to help out, so if you'd like to assist with this worthy cause, just show up. License not required.

That's about it for this week, hope everyone has a great holiday (whether it be Hannukah, Christmas, or the religious holiday of your choice). Now where's the next VE exam... '73, FGX

## GREEK CORNER

### Phi Sigma Kappa

Brothers, we have reached the final week of the term. Congratulations to our D-team. Good job guys with the Lee sisters, Ug and Home.

Chortle, chortle, giff, tada to repelling the B-force after Cal's car will finally leave the lake. Congratulations to brother Smith for pinning Suzy. Hats off to our latest Skull inductees Norm & Cliff T.C. Fine raid breakfast club. Hope to see you soon Skip. Fine job brothers for eliminating the problem between the dumpster and the notorious giant skunk.

### Sigma Alpha Epsilon

Congratulations to SAE team sports this week. Tuesday's basketball game vs. ATO was probably one of the best hoop games I've ever seen. The return of Bob 'the Longer' Gilbert was long overdue as he sparked the team to a 62-36 victory. Long was a terror on the court with a break away slam dunk and a rejection, that turned out to be goal tending, but was beautiful. Grabowski was really moving with reverse lay-ups that went in. Rem, Sully and Billy-boy also played smart ball that put the screws to ATO in the final minutes. And if that wasn't enough; Joe Patton hit a swisher from half court at 0 seconds on the clock to complete the game and his supreme effort.

Our Hockey team has also won their last two games over ATO and KAP, respectively. Ray Vincent has been doing a great job with 2 goals, Billy Ray and Fred also have one each. Disco, Schlöng, Dave Mauceri, and the Lew Monster have been doing well too.

Hey A-team bowlers, who took the four from a KAP (a no-show) and are doing extremely well: maybe a playoff berth?

Christmas Caroling was a blast this year. Mers was captured by spirit in his portrayal of jolly old St. Nick. We can't forget the Elf, Jim O'Connor, and what he did to our couch. The Pearl Harbor party went great. The Rubber Run was late, but satisfactory. Our Christmas tree,

finally decorated, is looking good for our Christmas party for the Worcester Orphans. We also worked Rose Day last Friday, which was a big success, raising over \$4,000 for the Arthritis Foundation.

I hear Brett is moving the white house next term, less drafts. Mersen-Santa. Congratulations to Webb on his secondary; he'll make it all the way to the top, hand over hand. Let's hear it for the phone messages Ray. One of these days, I will learn how to shave. Five Als.

### Tau Kappa Epsilon

After hours of deliberations (the meeting lasted close to five hours), the tough races for new officers for the year 1989 are as follows:

President: George Hosey  
Vice President: Michael "Spanky" Polmattier

Treasurer: Bruce "Turbo" Hare  
Pledge-master: Russell "Toad" Flugel  
Secretary: Abe "Cookie" Fainsod  
Historian: Jeffrey "Twice" Weiss  
Chaplain: Bryan "Gerald" Mills  
Sergeant-at-arms: Timothy "Ace" Ferrarotti

Good luck to everybody, we hope to make this a good year. In basketball, TKE (a) has had five wins against one loss, and the bowling team is still rolling strong. The Christmas Party was a total success, but I still don't know what happened after eleven. We would like to extend our thanks to our Santas. The Irish Santa that started it all, Chris "Bo" Bozzini, and our real St. Nick, the greatest of all, Bob "Tuppy" Tupper. We would like to say "hasta la vista" to our departing seniors: Bradley "Zone" Howard, Tony Bangrazi, and Ann Erskine. Good luck to you all, we'll miss all of you, even you Tony. The work party last Saturday went extremely well. Thanks to all who helped, particularly Ken and Tim. Have a good break, a Merry Christmas and a Happy New Year. See ya in C-term.

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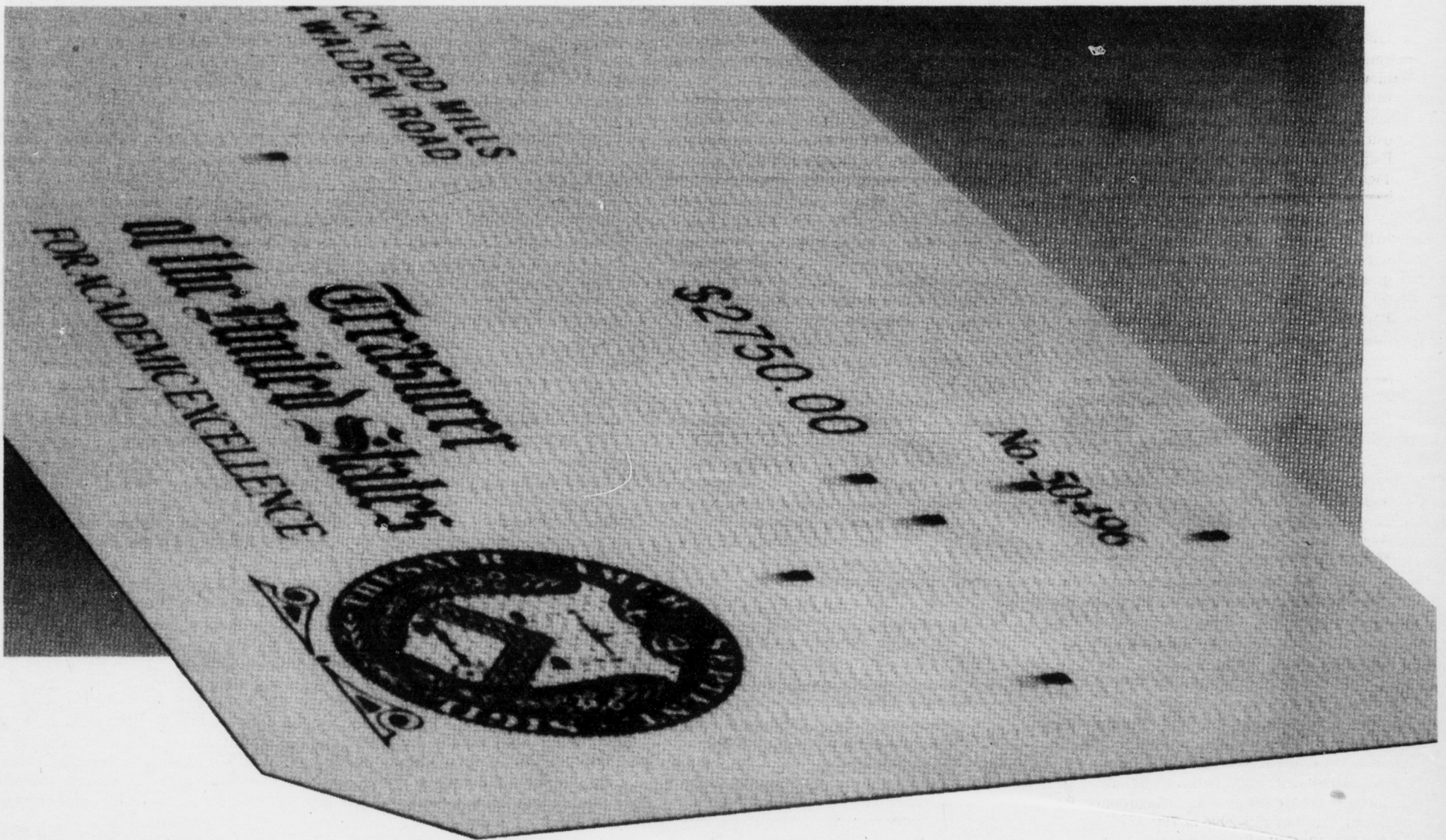
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For Rent: 6 room apartment, 3-4 bedrooms, clean quiet. Walking distance to college (off Highland St.). Rent is \$550, call 835- 2806.

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Boston area Patent Law firm desires to meet students with a strong technical background interested in pursuing careers in patent law. Candidates should have an electronics, computer science, chemical engineering or biotechnology background. Will consider full-time or part-time working arrangements while candidates attend law school. If interested, please send resume to James M. Smith, Esq., Hamilton, Brook, Smith & Reynolds, Two Militia Drive, Lexington, MA 02173.

Program Specialist in gym. Some basketball experience preferred. Work part-time with school aged children in recreational program. Apply to Deb Martel, Worc. Girls Club, 67 Lincoln St, Worcester, MA 01605 EOE. Part-time maintenance also available.

Goose says "Mornin"

SPRING BREAK - Nassau/Paradise Island, from \$299.00. Package includes: Round-trip Air, Transfers, 7 nights Hotel, beach parties, free lunch, cruise, Free admission to nightclubs, taxes and more!!! Cancun packages also available!! Organize small group, earn free trip! 1-800-231-0113 OR (203) 967-3330.

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Are you creative and intelligent? Want to show off? Enter TBP's Sophomore Design Competition!

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Doug will you play pitch?

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Twisty, Thank you for the roses and the four years. I love you!

DESPERATELY SEEKING missing BARSTOOL (dark stained pine colonial). Lost from Gordon Library or Higgins House. "Continuing Education" written on underside of seat. Please, Please, oh please call x 5517 if you know whereabouts.

Is this chaos? No, it's just Greg's room.

Work Study - if you want your check mailed home - leave a self-addressed envelope in Alumni Gym office - Coach Massucco.

Missing- one Senior roommate - last seen on phone. Message: Your 7 roommates miss you!! Come visit us!

Parking space available real cheap! (12 Boynton St.)

TBP's Annual Sophomore design competition - Look for it early in C-term.

"Northeastern"-er: Best of luck to you: we hate to see you leave But please promise to visit often!! P.S. thanks for the dishes! K.

Brian says "Hey"

Candy - you are the heart and soul of the CS department!!!

Newspeak will run classifieds free for all WPI students, faculty, and staff. Free classifieds are limited to six (6) lines. Ads of a commercial nature and ads longer than six lines must be paid for at the off campus/commercial rate of \$3.00 for the first six lines and 50 cents per additional line. Classified ads must be paid for in advance. No information which, in the opinion of the Newspeak editors, would identify an individual to the community will be printed in a personal ad. The editors reserve the right to refuse any ad deemed to be in bad taste or many ads from one group or individual on one subject. The deadline for ads is the Friday before publication. All classified ads must be on individual sheets of paper and must be accompanied by the writer's name, address and phone

Name \_\_\_\_\_ Phone \_\_\_\_\_

Address \_\_\_\_\_ Total Enclosed \$ \_\_\_\_\_

AD TO READ AS FOLLOWS:

Allow only 30 characters per line

For the Robin Goodfellows, there will be no return.

Strobe-fest '88

Win money, bragging rights and a trip to the regional finals - enter TBP's Sophomore design competition!

But my favorite vegetable is carrots

Lost - Small Blessed Mother medal in plastic case. Has Sentimental value. If found call x5327.

THEY ARE AMONG US

Dear J.B., have a nice holiday! I love you deep in my heart. You are always brilliant and beautiful in all my life whether you have the same feeling or not. MJG

Do not question authority.

HUNGRY?

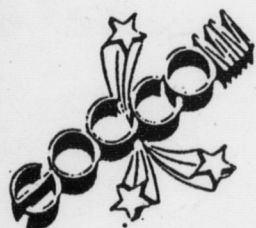
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ITALIAN

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Worcester, Ma.

Tues.-Sun: 4:30-10:30



# THE BATTLE OF THE BANDS IS COMING!!

JANUARY 27<sup>TH</sup> AND 28<sup>TH</sup>

SEND APPLICATION REQUESTS  
TO BOX 528  
**BEFORE DECEMBER 14<sup>TH</sup>**



## POLICE LOG

## Saturday, December 3, 1988

- 12:15 am - Sergeant reported assisting a drunk student on Institute Road behind Stoddard. The student was escorted back to his room by friends.
- 12:36 am - A complaint was received about loud music coming from the Sig Pi fraternity. An officer responded and spoke to a fraternity member, who said that he would turn down the music.
- 2:13 am - Sergeant reported assisting Worcester Police at 16 Elbridge St. regarding a student who was stopped for a traffic violation and was being uncooperative.
- 2:45 am - Sergeant reported an Assault and Battery in progress at the corner of Institute Rd and Dean St. An officer responded to assist. The Sergeant reported a non-student who was very intoxicated was observed assaulting a WPI student. The non-student was arrested and charged with assault & battery and being a disorderly person. He was transported to Worcester Police.
- 6:05 pm - A fight was reported at the football game between two high school teams on the football field. An officer reported that Worcester Police were on the scene and were handling the incident.
- 11:25 pm - A complaint was received of loud music coming from 12 Boynton St. Officers responded and quieted the music down.

## Sunday, December 4, 1988

- 12:03 am - Sergeant reported finding a very intoxicated WPI student. The student was transported to the SAE fraternity and was put under the care of the social chairman there.
- 12:38 am - Officer reported several subjects in possession of Christmas trees and a wreath, walking down West St. The subjects fled the scene, leaving the holiday paraphanelia behind. The trees were returned to the lot where they were taken from.
- 1:06 am - Another complaint was received of loud music coming from 12 Boynton St. The caller reported that he had also informed Worcester Police. WPI police and Worcester Police responded and the music was again quieted down.
- 2:00 am - A call was received from Sig Ep regarding a violent male who would not leave the house peacefully. Officers responded, and the subject was sent on his way.
- 2:30 am - A report was received of a student throwing bottles from a third floor window at Phi Kappa Theta fraternity. An officer responded, the student was identified, and was advised to clean up the glass in the morning or further action would be taken.
- 2:33 am - Assumption College called to advise of two WPI students who had been located inside one of their buildings and triggered an alarm. The students were removed from the Assumption campus.

## Tuesday, December 6, 1988

- 12:00 am - An RA reported a very intoxicated student in the Morgan 2nd men's room. The student had been reported to have been sick for a couple of hours. Officers responded and found the student semi-coherent and refused hospital treatment. He was returned to his room where the RA and his roommates agreed to watch him.
- 10:49 pm - Sergeant reported observing three students attempting to climb the fence into the construction yard. The students were advised of trespassing and were identified. They did not gain entry to the site.

## Wednesday, December 7, 1988

- 10:05 am - An officer reported that an elderly female, riding a bicycle, had been struck by a motor vehicle at the corner of Dean and Institute. An ambulance was dispatched and Worcester Police was notified.
- 11:29 pm - A report was received of students on the first floor of Stoddard B, causing a disturbance and playing loud music. Officers responded and rectified the situation.
- 11:37 pm - A fire alarm sounded in Morgan Hall. Officers responded and reported that the alarm was the result of a pull station being pulled on the first floor.

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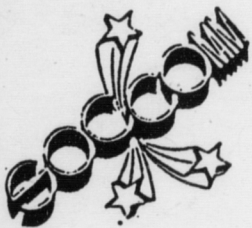
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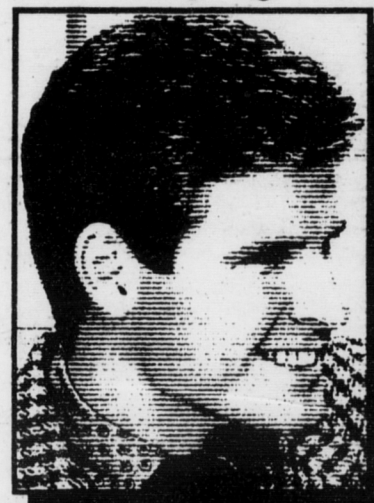
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